November, 1974

DMS-DR-2144
NASA CR-134,427

SPACE SHUTTLE LAUNCH VEHICLE (13 P-OTS) STRUT SUPPORT INTERFERENCE EFFECTS STUDY IN THE ROCKWELL INTERNATIONAL 7- BY 7-FOOT TRISONIC WIND TUNNEL (IA68)

By

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Prepared under NASA Contract Number NAS9-13247

By

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for

Engineering Analysis Division

Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number:	Rockwell Trisonic 281
NASA Series Number:	IA68
Model Number:	13 P-OTS
Test Dates:	17 through 29 January 1974
Occupancy Hours:	36

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ABSTRACT

Strut support interference investigations were conducted on an 0.004-scale representation of the 13 P-OTS Space Shuttle Launch Vehicle in the Rockwell International 7- by 7-Foot Trisonic Wind Tunnel from Jan. 17 to Jan. 29, 1974.

Primary objective of the test was to determine transonic and supersonic model support interference effects for use in a future Space Shuttle Launch Vehicle exhaust plume effects study. Besides the baseline configuration, five strut configurations were tested.

Thirty-seven orbiter, external tank, and solid rocket booster pressures were recorded at Mach numbers 0.9, 1.2, 1.5, and 2.0. Angle of attack and angle of sideslip were varied between ±4 degrees in 2-degree increments. Parametric variations consisted only of the strut configurations.

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F) CP VS. TAP NO.

NOMENCLATURE

Symbol	Plot Symbol	Definition
A_b		base area, in^2
b	BREF	reference span, in
C_A	CA	axial-force coefficient, F_A/qS_{ref}
C_{A_b}	CAB	base axial-force coefficient, $[(P_\infty - P_b)/q]\ (A_b/S_{ref})$
$C_{A_{b_O}}$	CABO	orbiter base axial force coefficient
$C_{A_{b_S}}$	CABS	solid rocket booster base axial force coefficient
$C_{A_{b_T}}$	CABT	external tank base axial force coefficient
$\Delta C_{A_{b_O}}$	DCABO	incremental orbiter base axial force coefficient due to configuration changes
$\Delta C_{A_{b_S}}$	DCABS	incremental solid rocket booster base axial force coefficient due to configuration changes
$\Delta C_{A_{b_T}}$	DCABT	incremental external tank base axial force coefficient due to configuration changes
C_P	CP	pressure coefficient, $(P - P_\infty)/q$
F_A		axial force, lb
ℓ_{ref}	LREF	reference length, in
M	MACH	Mach number
P_∞		static pressure, psi
P_t		total pressure, psi
q	Q(PSI)	dynamic pressure, psi
RN/L	RN/L	Reynolds number per unit length, million/ft

Symbol	Plot Symbol	Definition
S_{ref}	SREF	reference area, in^2
T		temperature, °F
X/C	X/C	wing chordwise pressure measurement location expressed as a ratio to the mean aerodynamic chord length.
2Y/B	2Y/B	wing spanwise pressure measurement location expressed as a ratio to the semi-span length
i		incidence angle, positive when trailing edge down, deg
i_o	ORBINC	Orbiter incidence angle on external tank, positive when tail down, deg
α	ALPHA	angle of attack, angle between the projection of the wind X_w-axis on the body X, Z-plane and the body X-axis, deg
β	BETA	sideslip angle, angle between the wind X_w-axis and the projection of this axis on the body X, Z-plane, deg
Δ		incremental difference
δ		control surface deflection angle, deg, positive deflections are:
	AILRON	aileron - left aileron trailing edge down
	ELEVTR	elevator - trailing edge down
	RUDDER	rudder - trailing edge to the left
ϕ	PHI	angle of roll, deg

Subscripts

a	aileron
b	base
e	elevator or elevon

NOMENCLATURE (Concluded)

Symbol	Plot Symbol	Definition
e_L & e_R		elevon left and right
et or t		external tank
i		incidence angle
o		Orbiter
RF		rudder flare
r		rudder
s		solid rocket booster
t		total conditions or external tank
w		wing
∞		free stream conditions
ref		reference conditions

Abbreviations

ET	external tank
SRB	solid rocket booster

CONFIGURATIONS INVESTIGATED

The model used for this test period was designated 13 P-OTS. It was comprised of the following major components, all constructed to a 0.004-scale.

Symbol	Definition
13 P-O	Orbiter vehicle 2A (modified) with provisions for 19 pressure measurements. Although alternate surfaces existed, data were recorded only at elevon, aileron, rudder and speedbrake deflections of zero. The specific elements of the Orbiter vehicle were:

Identifier	Element
B 58	Body
C 5	Canopy
E 18	Elevon
F 4	Bodyflap
M 3	OMS Pod
R 5	Rudder
V 5	Vertical tail
W 87	Wing

Modifications to the vehicle 2A configuration were the removal of the manipulator arm fairings (D7) and alteration of the nose forward of body station 300 to approximately vehicle 3 contours (Dwg. VL70-000139B)

T 17	External tank vehicle 3 configuration with provisions for 11 pressure measurements (Dwg. VL78-000041B).
S 16	Solid rocket booster vehicle 3A configuration. The left hand booster had provisions for 7 base pressure measurements (Dwg. VL77-000036A).
M_1	Strut-single strut mounted to lower surface of external tank.
M_2	Strut-single strut mounted to the side of the left solid rocket booster.
M_2'	Strut-single strut mounted to the side of the right solid rocket booster. Configuration includes fillet between ET and right SRB.

M_3	Strut-double strut configuration; M_3 mounts to lower surface of external tank
M_4	Strut-double strut configuration; M_4 mounts to upper surface of Orbiter body

Strut geometries and dimensional data are given in sketches of figures 2d and 2e. Each of the struts could be installed in one of two positions (forward or aft) on the integrated vehicle model. These positions, in terms of strut leading and trailing edge intersections with the body to which it is mated, are given in table IV.

Minor components which were installed on the major components or model assembly include the external tank protuberances, solid rocket protuberances, the attach structures, feedlines, and umbilical door beam. The specific components tested include simulation of the following.

Designation	Item	Description
PT_1	ET protuberance	LOX vent line fairing on nose of ET
PT_2	ET protuberance	LOX feed line (on main body ET)
PT_3	ET protuberance	LH_2 vent line (on main body ET)
PS_1	SRB protuberance	Electrical tunnel fairing (on side of SRB)
PS_2	SRB protuberance	Attach ring (around dia. of SRB)
PS_3	SRB protuberance	Separation rocket fairing (on nozzle of SRB)
AT_5	Attach structure	Front Orbiter/ET
AT_6	Attach structure	Left rear Orbiter/ET

AT_7	Attach structure	Right rear Orbiter/ET
AT_8	Attach structure	Front SRB/ET
AT_9	Attach structure	Rear SRB/ET
FL_1	Orbiter feedline	LOX feed line
FL_2	Orbiter feedline	LH_2 feed line
FR_1	Fairing	Modified umbilical door fairing (at rear of Orbiter between Orbiter and ET)

The model was supported in the tunnel on the arm of a special dual sting inserted in the base of the Orbiter model. When struts M_1, M_2, M_2', and M_3 were installed, their outer ends were attached to and supported by the lower arm of the dual sting.

The following abbreviated nomenclature was used to facilitate writing of the various configurations.

Symbol	Definition
C_1	OTS + P1 + P2 + A + L
OTS	Basic Orbiter, external tank and solid rocket boosters
P1	ET protuberances PT_1, PT_2, and PT_3
P2	SRB protuberances PS_1, PS_2 and PS_3
A	Attach structures AT_5, AT_6, AT_7, AT_8 and AT_9
L	Orbiter feed lines FL_1 and FL_2
F'	Modified umbilical door fairing FR_1

M_1 ET strut

M_2 SRB strut-left side

M_2' SRB strut-right side

M_3 ET strut-bottom of ET

M_4 Orbiter strut-top of Orbiter

Configurations tested include:

C_1 F'

C_1 F' M_1 (1)

C_1 F' M_2 (1)

C_1 F' M_2' (1) + wax fillet between ET and SRB

C_1 F' M_3 (1) M_4 (1)

C_1 F' M_1 (2)

Note: (1) represents strut in fwd position
(2) indicates strut in aft position

TEST FACILITY DESCRIPTION

The Rockwell International Trisonic Wind Tunnel is an intermittent blow down facility with a 7- by 7-foot tandem test section capable of testing force, duct, pressure, and flutter models at Mach numbers from 0.1 to 3.5.

Two synchronous motor-driven centrifugal compressors, operating in series, supply dry air at a rate of 40 lb/sec. to eight storage spheres having a total volume of 214,000 cu. feet. The air is dried to a moisture content of 0.001 lb. or less of water per lb. of dry air (approx. -35°F dew-point) and stored at a pressure of ten atmospheres. Flow from the air storage spheres is regulated by a servo controlled valve. The eight-foot diameter valve opens within two seconds to control and stabilize the settling chamber at a preselected pressure.

Downstream of the settling chamber is a fixed nozzle which provides a transition from the circular cross-section of the settling chamber to the rectangular cross-section of the variable nozzle. Two seven-foot wide steel plates, supported between parallel walls by hydraulic jacks, form the floor and ceiling of the flexible nozzle section. Changes in nozzle contours to produce variations in Mach number are accomplished by means of these jacks and require 30 to 50 minutes to complete.

Two test sections for supersonic, transonic, and subsonic testing are 7 ft. wide by 7 ft. high and are permanently installed in a tandem arrangement. The standard supersonic test section (for testing at Mach numbers greater than 1.3) is in the downstream end of the flexible nozzle. The

test section for subsonic and transonic operation is located downstream in the porous wall area. An access door to the test area is located in the variable diffuser.

The variable diffuser downstream of the porous wall area may be adjusted to provide subsonic Mach number control, to generate transonic Mach numbers, and to minimize start time for supersonic testing with models having high tunnel blockage.

An equivalent 5° conical expansion angle is provided in a fixed diffuser which completes the basic tunnel circuit. Downstream of the diffuser is a sound abatement muffler building where the air is exhausted to the atmosphere.

DATA REDUCTION

All pressure data recorded during the test were reduced to pressure coefficient form. Individual base axial-force coefficients for the Orbiter, external tank, and solid rocket booster (one) were calculated in the following manner.

$$C_{A_{b_o}} = \frac{-1}{S_{ref}} (0.184\ C_{p_1} + 0.170\ C_{p_2} + 0.390\ C_{p_3} + 0.214 C_{p_4})$$

$$C_{A_{b_t}} = \frac{-1}{S_{ref}} [0.072\ (C_{p_5} + C_{p_9}) + 0.144\ (C_{p_{10}} + C_{p_{14}} + C_{p_{15}})$$

$$+ 0.082\ (C_{p_6} + C_{p_7} + C_{p_8}) + 0.164\ (C_{p_{11}} + C_{p_{12}} + C_{p_{13}})]$$

$$C_{A_{b_s}} = \frac{-1}{S_{ref}} [0.0158\ C_{p_{16}} + 0.0594\ (C_{p_{19}} + C_{p_{20}} + C_{p_{21}} + C_{p_{22}})$$

$$+ 0.104\ (C_{p_{17}} + C_{p_{18}})]$$

Incremental data were computed as follows:

$$\Delta\ (C_A \text{ or } C_p) = C_{p \text{ or } A}\ (\text{strut On}) - C_{p \text{ or } A}\ (\text{strut Off})$$

The following dimensions were used for reducing all pressure data to coefficient form.

Parameter	Dimensions	
	Full Scale	Model Scale
Reference Area (S_{ref})	2690 ft^2	6.198 in^2
Reference Length (ℓ_{ref})	1328.3 in	5.313 in

Base Areas (A_b)

Orbiter	427.8 ft^2	0.958 in^2*
External Tank	572.55 ft^2	1.319 in^2
Solid Rocket Booster (one)	201.06 ft^2	0.4632 in^2

* Represents sum of Orbiter model areas to be used in computation of CA_{b_o}.

TABLE I.

TEST # 1A68 - TWT 281 DATE # 2-5-74

TEST CONDITIONS

MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.9	6.7×10^6/ft	6.9	35°→65°
1.2	7.5×10^6/ft	9.2	35°→65°
1.503	9.7×10^6/ft	12.9	35°→65°
1.991	10.7×10^6/ft	13.8	35°→65°

BALANCE UTILIZED: N/A

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF			
SF			
AF			
PM			
RM			
YM			

COMMENTS:

TABLE II.

TEST: IA 68 - TWT 281 | DATA SET/RUN NUMBER COLLATION SUMMARY | DATE: 2-5-74

DATA SET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	PARAMETERS/VALUES.										NO. OF RUNS	MACH NUMBERS 0.9	1.2	1.5	2.0
					M_1*	M_2*	M_3*	M_4*	M_2'*		ϕ							
RF4 001	C_1 F′	α	α		-	-	-	-	-		0			1	1			
002	↓	A	O		-	-	-	-	-		0			4	6	7	30	35
003	↓	O	B		-	-	-	-	-		-90°			4	9	8	29	36
004	C_1 F′ M_1	A	O		1	-	-	-	-		0			4	13	12	27	38
005	↓	O	B		1	-	-	-	-		-90°			4	10	11	28	37
006	C_1 F′ M_2	α	α		-	1	-	-	-		-90°			2	14	15		
007	C_1 F′ M_2'+fillet	A	O		-	-	-	-	1		0			4	20	21	32	33
008	↓	O	B		-	-	-	-	1		+90°			3	19	18		34
009	C_1 F′ M_3 M_4	A	O		-	-	1	1	-		0			3	24	25	26	
010	↓	O	B		-	-	1	1	-		-90°			2	23	22		
011	C_1 F′ M_1	A	O		2	-	-	-	-		0			2			31	39
012	C_1 F′ M_2	O	O		-	1	-	-	-		-90°			1		16		

TEST RUN NUMBERS

CP 7 13 19 25 31 37 43 49 55 MACH 67 75 76

CABP, CABT, CABS, MACH, IDVAR (1), ID. AR (2), NDV

3

α OR β SCHEDULES

COEFFICIENTS

α (A) = $-4°$ to $+4°$ $\Delta\alpha = 2°$

β (B) = $+4°$ to $-4°$ $\Delta\beta = 2°$

* Strut position: 1 = fwd position; 2 = aft position

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: Body B58

GENERAL DESCRIPTION: Double Delta Wing Fuselage Per Lines VL70-000093, except nose modified to conform to Vehicle 3 configuration forward of Station 300 (Station 339 on Lines VL70-000139)

Model Scale = 0.004

DRAWING NUMBER: VL72-000061 VL70-000139 VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length, in.	1328.3	5.313
Max. Width X_o 560 to X_o 1307, in.	216.0	0.864
Max. Depth, in.	239.0	0.956
Fineness Ratio	5.495	5.495
Area		
Max. Cross-Sectional	319.556	0.005
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT: Canopy - C5

GENERAL DESCRIPTION: 2A Configuration Per NR Lines VL70-000002.

Scale Model = .004

DRAWING NUMBER: VL70-000002

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Sta. Fwd. Bulkhead	391.00	1.564
Sta. T. E.	560.0	2.240
Canopy Intersects Body ML	391.00	1.564
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT: Eleven E-18

GENERAL DESCRIPTION: 2A Configuration Per W-87, NR Lines VL70-000093

Data for (1) of (2) Sides

Model Scale = .004

DRAWING NUMBER: VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area, FT^2	205.517	0.0033
Span (equivalent), in.	353.34	1.413
Inb'd equivalent chord	114.78	0.459
Outb'd equivalent chord	55.00	0.220
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	.208	.208
At Outb'd equiv. chord	.400	.400
Sweep Back Angles, degrees		
Leading Edge	0.00	0.00
Tailing Edge	-10.02	-10.02
Hingeline	0.00	0.00
Area Moment (Normal to hinge line), FT^3	1548.07	0.00010
Product of area moment		

TABLE III. - Continued.

MODEL COMPONENT: F4 Body Flap

GENERAL DESCRIPTION: 2A Configuration Per NR Lines VL70-000094 "A"

Scale Model = .004

DRAWING NUMBER: VL70-000094A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length, in.	84.70	0.3388
Max. Width , in.	265.00	1.060
Max. Depth		
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform, ft^2	142.63715	0.002282
Wetted		
Base		

TABLE III. - Continued.

MODEL COMPONENT: OMS PODS-M3

GENERAL DESCRIPTION: 2A Light WT Configuration per MC120074.
Per NR Lines VL70-000094.

Scale Model = .004

DRAWING NUMBER: VL70-000094

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length, in.	346.0	1.384
Max. Width, in.	108.0	0.432
Max. Depth, in.	72.8	0.291
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

℄ of OMS POD

WP = 463.9 inches FS; WP 400.0 + 63.9 = 463.90 INFS
1.600 + .2556 = 1.8556 INMS

BP = 80.0 in. FS; 0.320 INMS

From Fuselage Station 1214.0 to 1560 INFS = 346.0 INFS
4.856 to 6.240 = 1.384 INMS

Table. III. - Continued

MODEL DIMENSIONAL DATA

MODEL COMPONENT: SRB PROTUBERANCE: PS_1

GENERAL DESCRIPTION: Electrical tunnel fairing on top of each SRB.

MODEL SCALE: 0.0040

DRAWING NO.: NONE

DIMENSIONS (DATA FOR 1 of 2):	FULL SCALE	MODEL SCALE
Leading edge at X_B	467.00	1.868
Centerline of tunnel Y_B	0	0.
Trailing edge at X_B	1820.0	7.280
Height	3.0	0.012
Width	6.0	0.024
L.E., Degrees	72.0	0.288

Table III. - Continued
MODEL DIMENSIONAL DATA

MODEL COMPONENT: SRB PROTUBERANCE - $P3_2$

GENERAL DESCRIPTION: SRB/ET attach ring.

MODEL SCALE: 0.0040

DRAWING NO.: VL77-000036A

DIMENSIONS (DATA FOR 1 of 2):	FULL SCALE	MODEL SCALE
Centerline at X	1515.00	6.060
Width	10.00	0.040
Height	10.00	0.040

Table III. - Continued
MODEL DIMENSIONAL DATA

MODEL COMPONENT: SRB PROTUBERANCE - PS_3

GENERAL DESCRIPTION: Separation rocket fairing on each SRB nozzle shroud located 30° inboard from top centerline.

MODEL SCALE: 0.0040

DRAWING NO.: VL77-000036A

DIMENSIONS: (FOR 1 OF 2)	FULL SCALE	MODEL SCALE
Leading edge at X_B	1796.00	7.184
Trailing edge at X_B	1889.00	7.556

Radial location is 30° inboard from top centerline.

TABLE III. - Continued.

MODEL COMPONENT: Rudder R5

GENERAL DESCRIPTION: 2A Configuration Per NR Lines VL70-000095.

Scale Model - .004

DRAWING NUMBER: VL70-000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Area, FT^2	98.67	0.0016
Span (equivalent), in.	201.0	0.804
Inb'd equivalent chord	91.585	0.366
Outb'd equivalent chord	50.833	0.203
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	0.400	0.400
At Outb'd equiv. chord	0.400	0.400
Sweep Back Angles, degrees		
Leading Edge	34.83314	34.83314
Tailing Edge	26.24915	26.24915
Hingeline	34.83314	34.83314
Area Moment (Normal to hinge line), FT^3 Product of area and mean chord	526.125	0.00003

TABLE III. - Continued.

MODEL COMPONENT: Vertical Tail V5 (Light Wt. Orbiter Config)

GENERAL DESCRIPTION: Center Line Vertical Tail on the Double Delta Configuration with Double Wedge Airfoil and Rounded Leading Edge, Total Data Includes Void Area Listed Below · Scale Model = .004

DRAWING NUMBER: VL70-000095

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area, FT^2	386.05	0.006
* Void (included above), FT^2	13.17	0.0002
Blanketed included above, FT^2	12.67	0.0002
Span (equivalent), FT	24.37	0.097
Aspect Ratio	1.590	1.590
Rate of Taper	0.507	0.507
Taper Ratio	0.426	0.426
Dihedral Angle, degrees	--	--
Incidence Angle, degrees	--	--
Aerodynamic Twist. degrees	--	--
Toe-In Angle	0.0	0.0
Cant Angle	0.0	0.0
Sweep Back Angles. degrees		
Leading Edge	45.000	45.000
Trailing Edge	26.249	26.249
0.25 Element Line	41.130	41.130
Chords:		
Root (Wing Sta. 0.0)	257.99	1.032
Tip, (equivalent)	109.78	0.439
MAC	193.84	0.775
Fus. Sta. of .25 MAC	1473.64	5.895
W.P. of .25 MAC	647.31	2.589
B.L. of .25 MAC	0.0	0.0
Airfoil Section		
Root		
Tip		
EXPOSED DATA		
Area		
Span, (equivalent)		
Aspect Ratio		
Taper Ratio		
Chords		
Root		
Tip		
MAC		
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		
B.L. of .25 MAC		

*Void area noted is the area located at lower aft portion of tail surface.

TABLE III.— Continued

MODEL COMPONENT: Wing W-87 New Light Weight

GENERAL DESCRIPTION: Orbiter Configuration per lines VL70-[illegible]293

Scale Model = .004

DRAWING NUMBER: VL70-000093

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area, FT^2 (W.R.P.)	2689.38	0.043
Planform	--	--
Wetted	77.12	0.308
Span (equivalent), FT	2.214	2.214
Aspect Ratio	1.176	1.176
Rate of Taper	0.209	0.209
Taper Ratio	3.360	3.860
Dihedral Angle, degrees ?75.33° element line,	3.000	3.000
Incidence Angle, degrees ?.425° tol.00°	--	--
Aerodynamic Twist, degrees	--	--
Toe-In Angle	--	--
Cant Angle		
Sweep Back Angles, degrees	44.873	44.873
Leading Edge	-10.242	-10.242
Trailing Edge	35.050	35.050
0.25 Element Line		
Chords:	690.19	2.761
Root (Wing Sta. 0.0)	144.30	0.577
Tip, (equivalent)	476.76	1.907
MAC	1136.12	4.544
Fus. Sta. of .25 MAC	289.44	1.158
W.P. of .25 MAC	181.03	0.724
B.L. of .25 MAC		
Airfoil Section		
Root		
Tip		
EXPOSED DATA		
Area, FT^2	1746.87	6.987
Span, (equivalent), FT	59.16	0.237
Aspect Ratio	2.004	2.004
Taper Ratio	0.256	0.256
Chords	562.77	2.251
Root	144.30	0.577
Tip	394.81	1.579
MAC	1185.17	4.741
Fus. Sta. of .25 MAC	291.56	1.166
W.P. of .25 MAC	250.54	1.002
B.L. of .25 MAC		
LEADING EDGE CUFF (data for (1) side)		
Plan form area, FT^2 (BP 108.0)	120.333	0.0019
L.E. Intersect Fus ML @ STA	560.0	2.240
L.E. Intersects Wing @ STA	1035.0	4.140

TABLE III. - Continued.

MODEL COMPONENT: EXTERNAL TANK - T17

GENERAL DESCRIPTION: External Tank per NR Control VL78-000011B

Model Scale = 0.004

DRAWING NUMBER: VL78-000011B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length, in.	1865	7.460
Max. Width (Dia), in.	324.0	1.296
Max. Depth		
Fineness Ratio, L/D	5.75617	5.75617
Area, Ft^2		
Max. Cross-Sectional	572.56	0.009161
Planform		
Wetted		
Base		

TABLE III. - Concluded

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - S1C

GENERAL DESCRIPTION: Configuration 3A. Data for (1) of (2) strbs. per Rockwell Lines VL77-000036A

Model Scale = 0.004

DRAWING NUMBER: VL72-000088A
VL77-000036A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length (Includes Nozzle), in.	1741.0	6.9640
Max. Width (Tank Dia), in.	142.3	0.5692
Max. Depth (Aft Shroud), in.	192.0	0.7680
Fineness Ratio, L/D	9.06771	9.06771
Area, Ft^2		
Max. Cross-Sectional	201.06193	0.00322
Planform		
Wetted		
Base		
WP of BSRM Centerline (Z_T), in.	400	1.6000
FS of BSRM Nose (X_T), in.	200	0.8000

TABLE IV.

X Coordinates of Strut Leading and Trailing Edge Intersections with Body Profiles (Full Scale Dimensions).

Strut	Position	Leading Edge	Trailing Edge
M1	Forward	X_t = 711	X_t = 1735
	Aft	X_t = 1028	X_t = 2052
M2 & M2'	Forward	X_s = 388	X_s = 1412
	Aft	X_s = 772	X_s = 1796
M3	Forward	X_t = 711	X_t = 1554.8
	Aft	X_t = 1208.2	X_t = 2052
M4	Forward	X_o = 550	X_o = 1225
	Aft	X_o = 599	X_o = 1274

TABLE V.

Nominal Wing Pressure Orifice Locations (Full Scale Dimensions)

Measurement Number		Body Coordinates*		Location, Percent	
Upper	Lower	X_o	$-Y_o$	Chord	Semispan
23	31	1112.0	234.0	10.2	49.96
24	32	1194.5	234.0	30.1	49.96
25	33	1276.8	234.0	50.0	49.96
26	34	1359.5	234.0	70.0	49.96
27	-	1442.0	234.0	89.9	49.96
28	35	1250.0	169.0	50.0	36.1
25**	33**	1276.8	234.0	50.0	49.96
29	36	1303.6	299.0	50.0	63.8
30	37	1330.3	364.0	50.0	77.7

*Refer to Drawing VL70-000093.

**Repeated for spanwise sample.

TABLE VI.

Nominal Locations, Orbiter Base Pressure Orifices

Measurement Number	Orifice Location			
	Full Scale		Model Scale	
	Y_o	Z_o	Y_o	Z_o
1	0	493	0	1.972
2	-106	492	-.424	1.968
3	-92.5	400	-.370	1.600
4	0	304.8	0	1.219

TABLE VII.

Nominal Locations of External Tank Pressure Orifices (Full Scale Dimensions)

Measurement Number	Angular* Displacement (degrees)	Radial Distance (inches)
5	0	162.0
6	0	81.0
7	0	0
8	180	81.0
9	180	162.0
10	135	162.0
11	135	81.0
12	90	81.0
13	45	81.0
14	45	162.0
15	90	162.0

TABLE VIII.

Nominal Locations of Solid Rocket Pressure Orifices (Full Scale Dimensions)

Measurement Number	Angular* Displacement (degrees)	Radial Distance (inches)
16	0	0
17	90	83.5
18	270	83.5
19	0	35.5
20	180	35.5
21	90	35.5
22	270	35.5

*Angular displacements measured counterclockwise from top of the body as viewed from rear.

Notes:

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

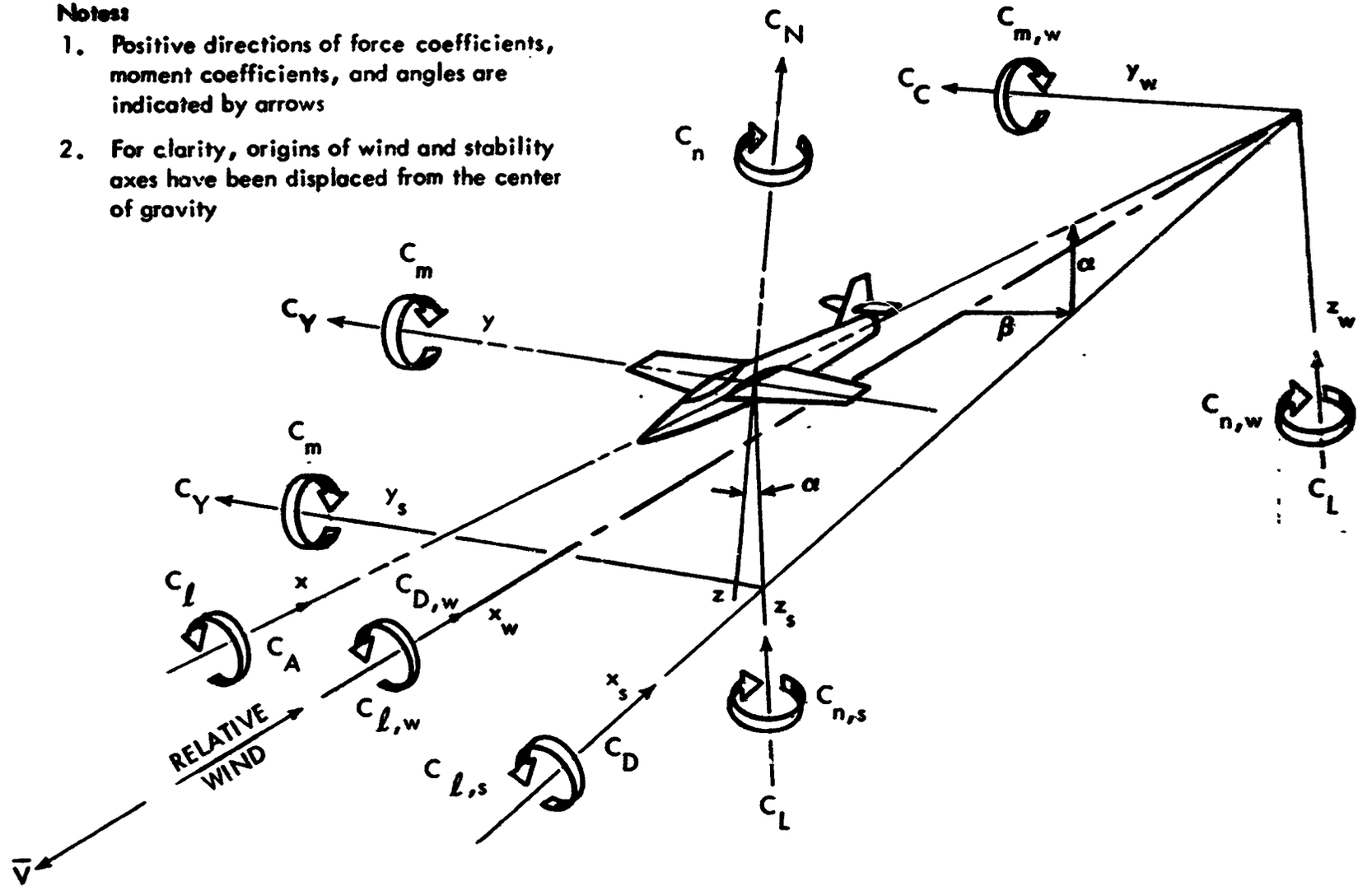
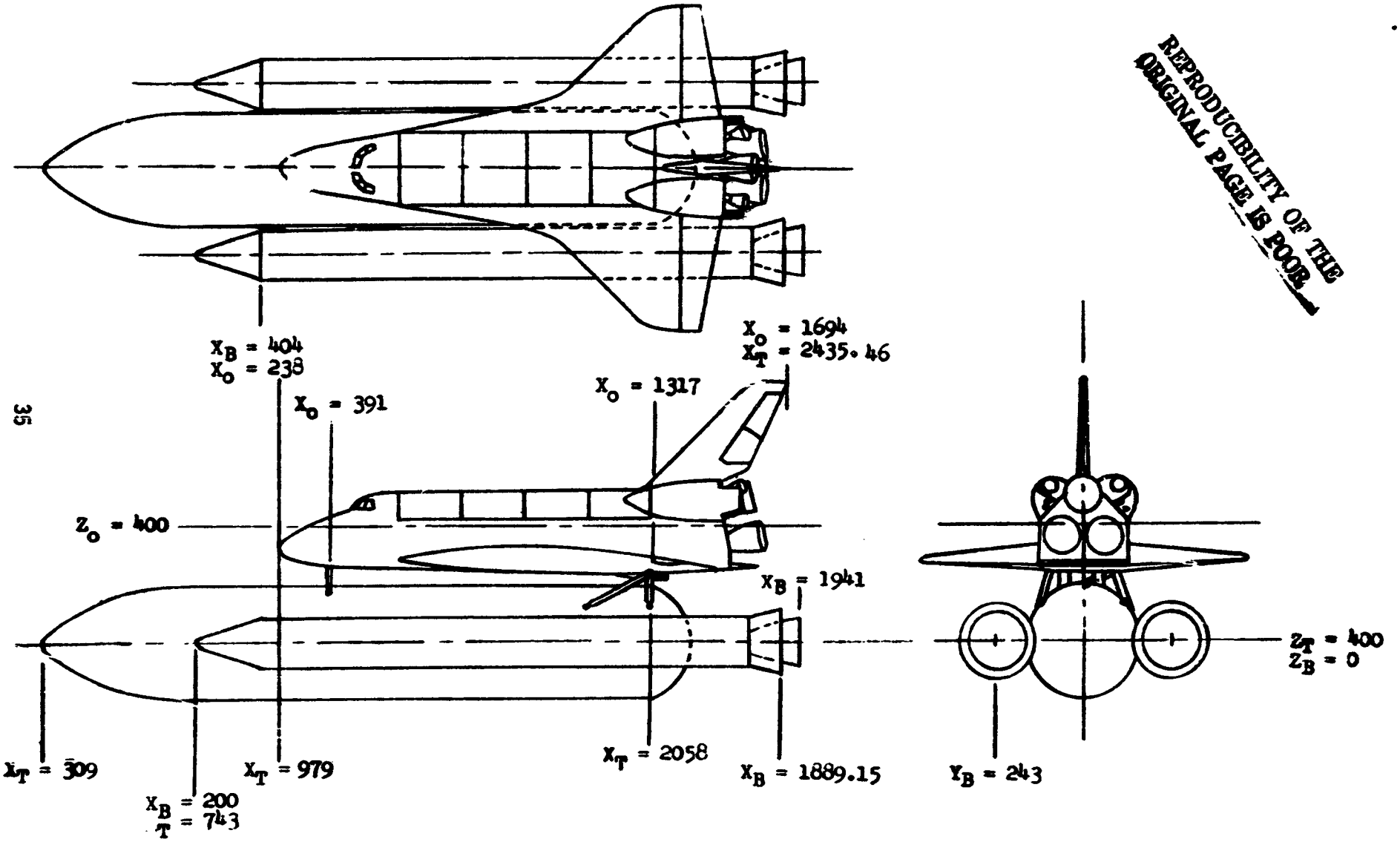


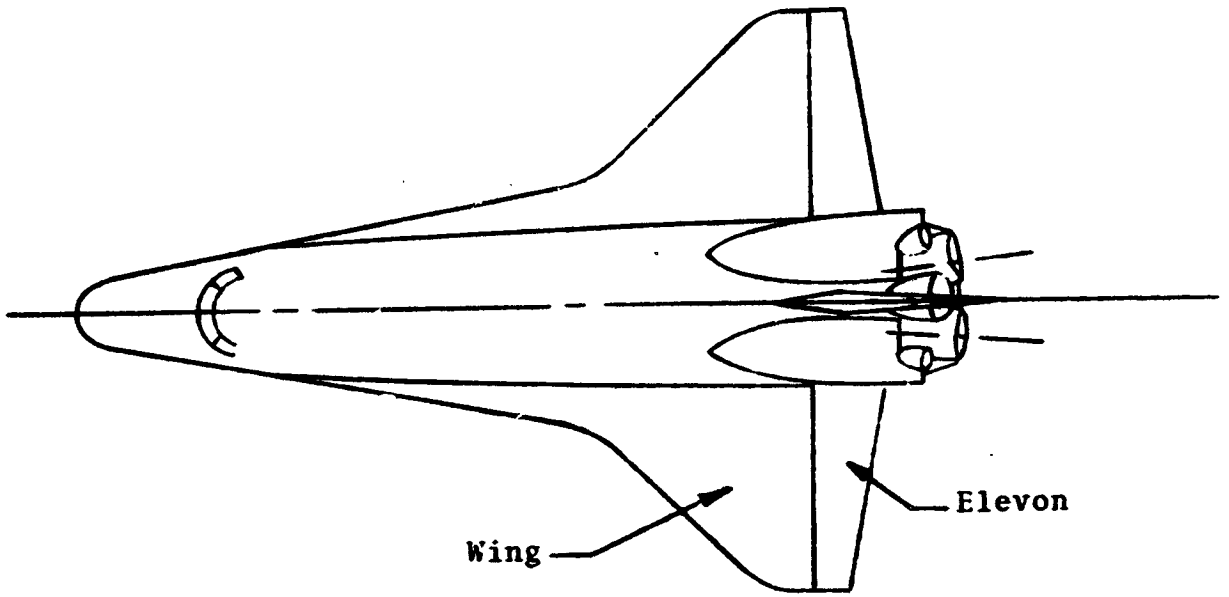
Figure 1. - Axis systems.

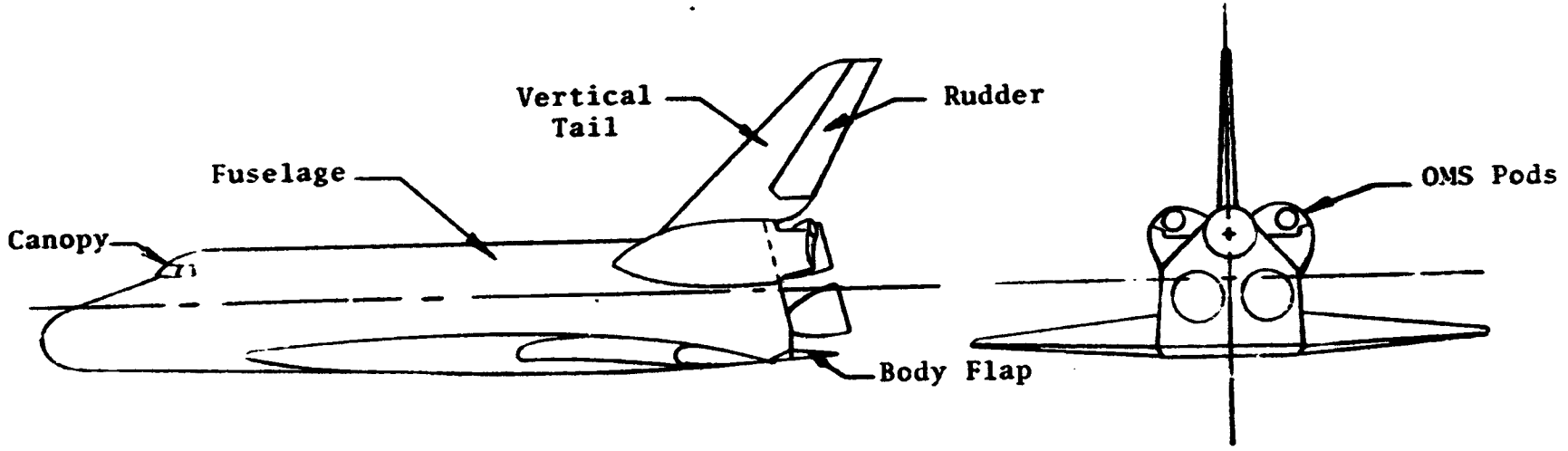


a. Mated Vehicle

Figure 2. - Model sketches.

Reference	Dimension
Area	S_w = 2690 ft^2
Length	L = 1328.3 in.



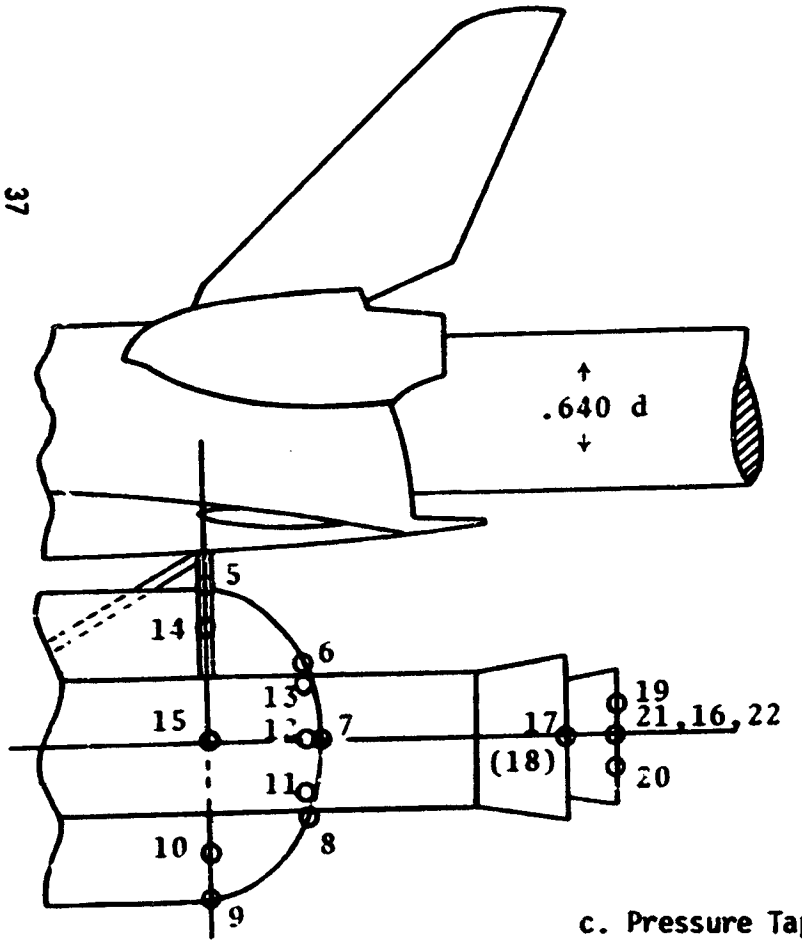


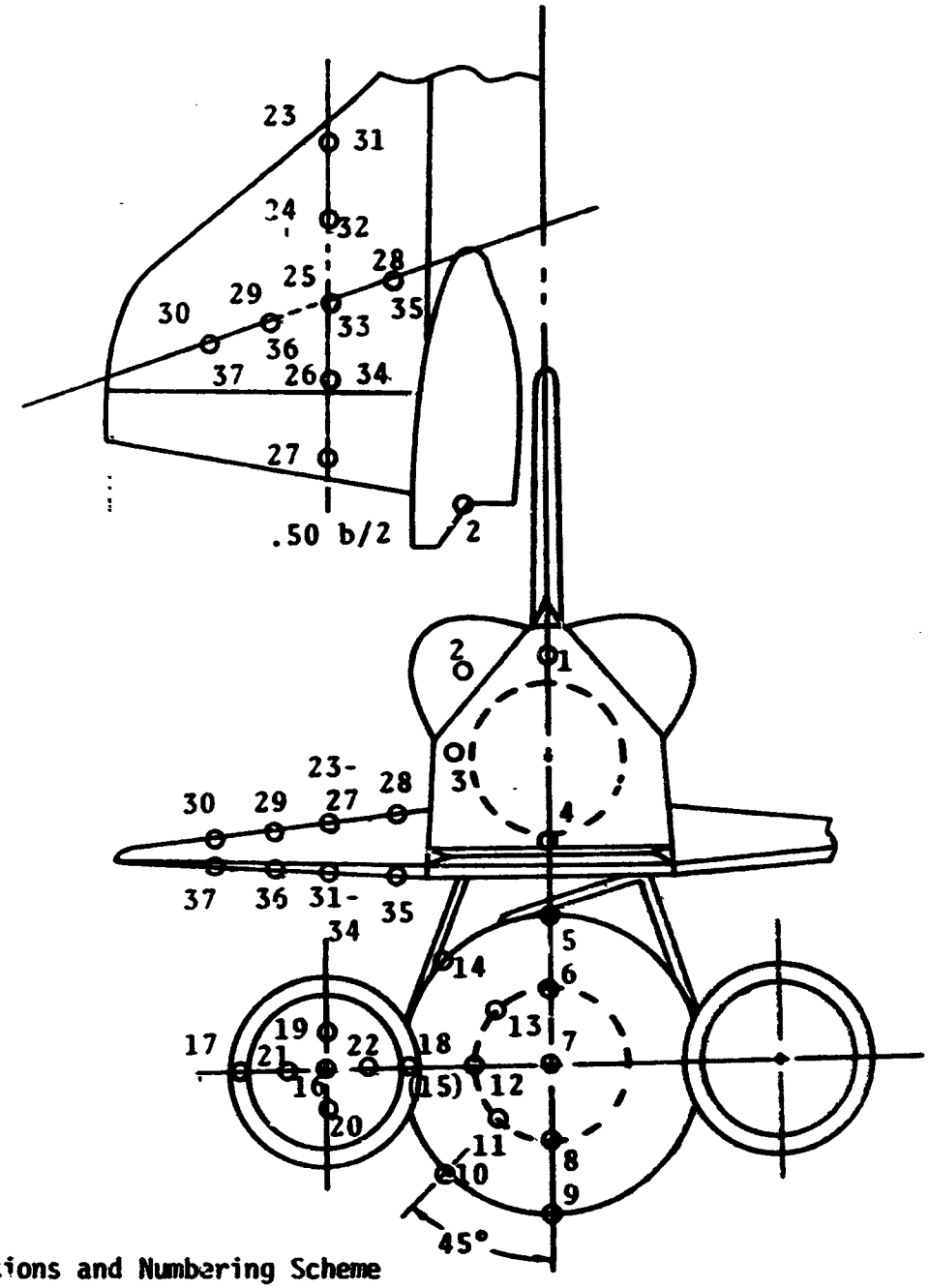
b. Orbiter Three View

Figure 2. - Continued.

Pressure Tap Numbering

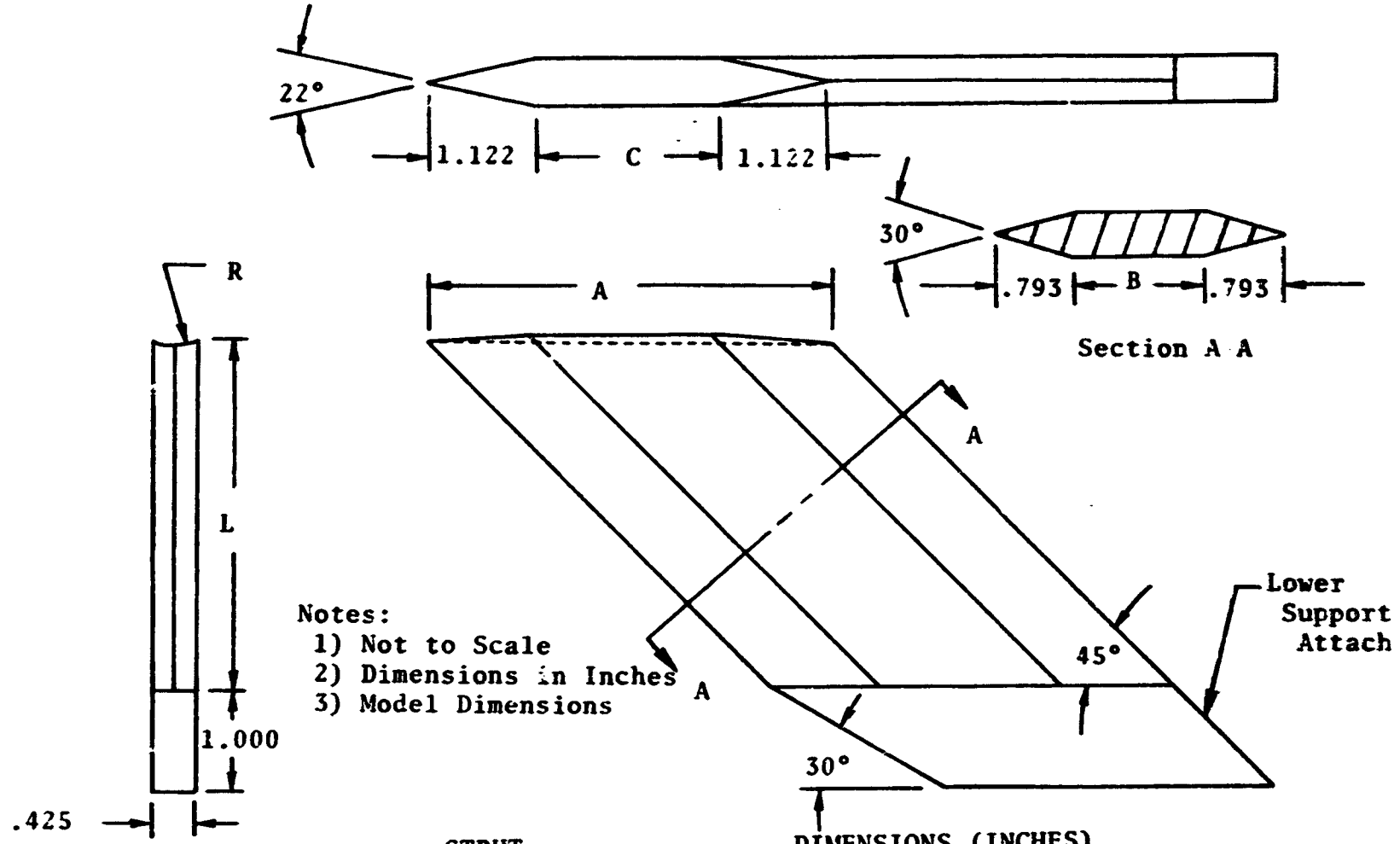
Orbiter Base	1-4
External Tank Base	5-15
Solid Rocket Booster Base	16-22
Orbiter Wing Upper	23-30
Orbiter Wing Lower	31-37





c. Pressure Tap Locations and Numbering Scheme

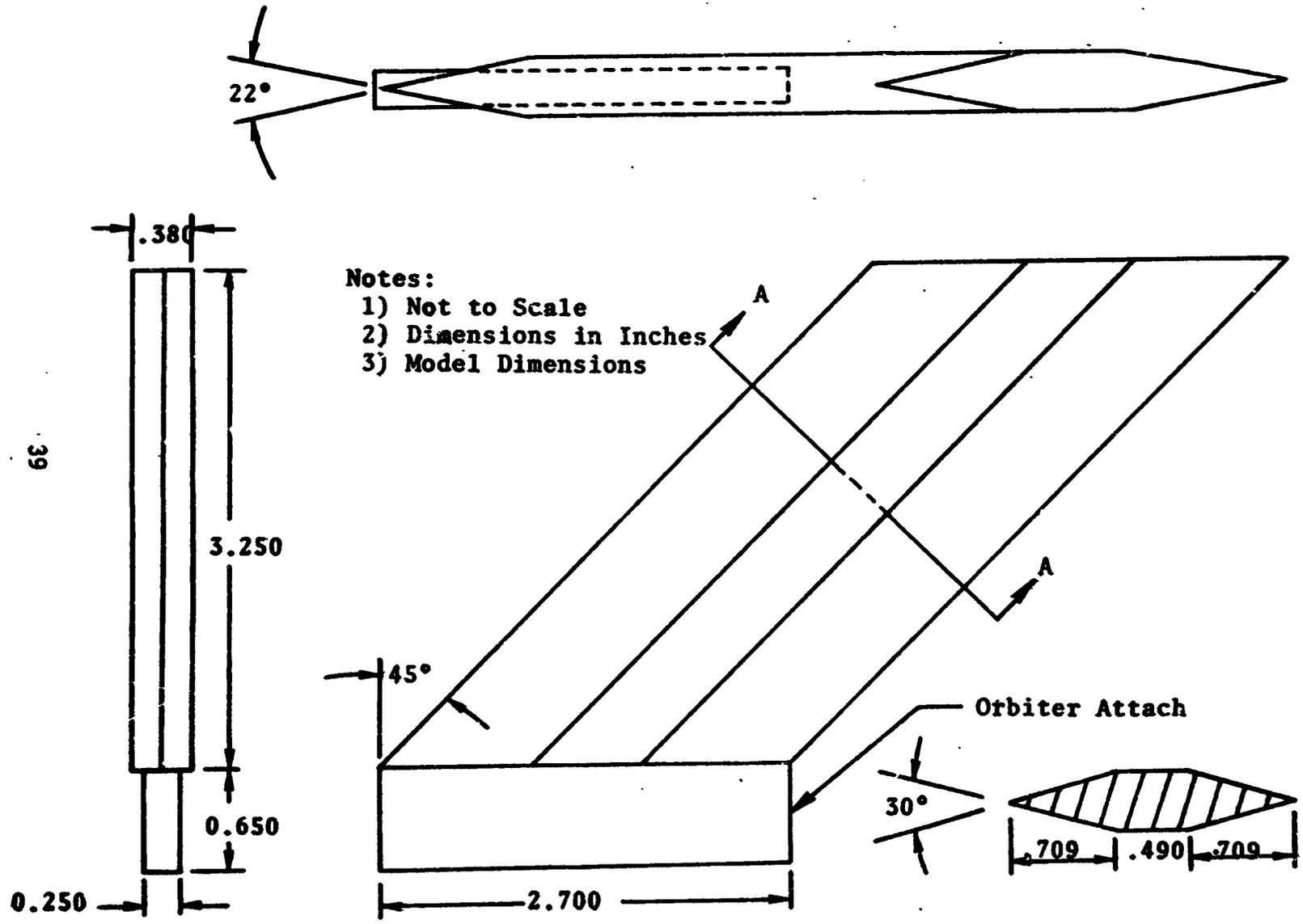
Figure 2. - Continued.



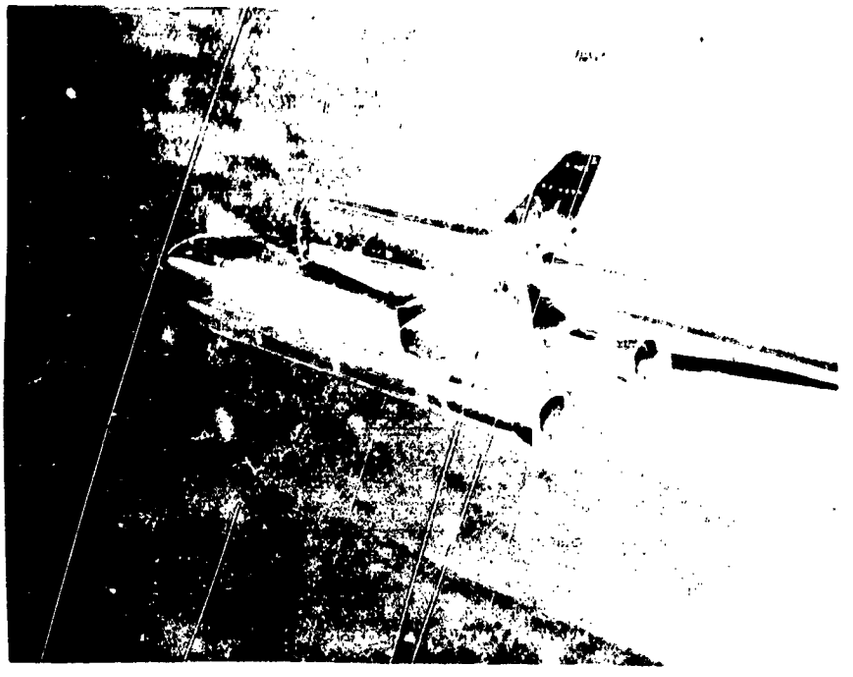
STRUT	DIMENSIONS (INCHES)				
	A	B	C	L	R
M_1	4.097	1.310	1.853	3.852	0.648
M_2 & M_2'	4.097	1.310	1.853	3.243	0.2845
M_3	3.375	0.800	1.131	3.852	0.648

d. Struts M_1, M_2, M_2', and M_3 Configurations and Dimensional Data

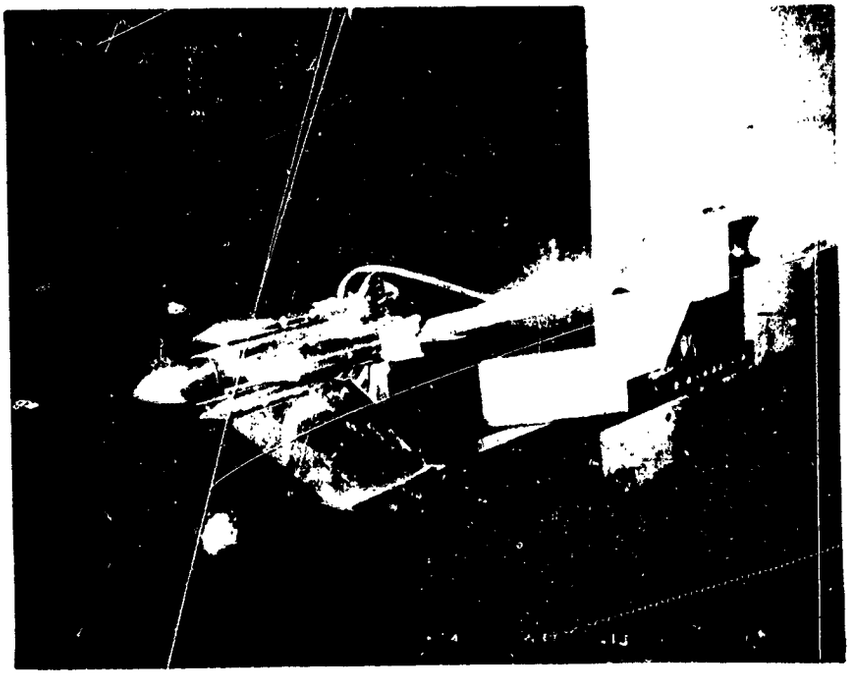
Figure 2. - Continued.



e. Strut M4 Configuration and Dimensional Data
Figure 2. - Concluded.

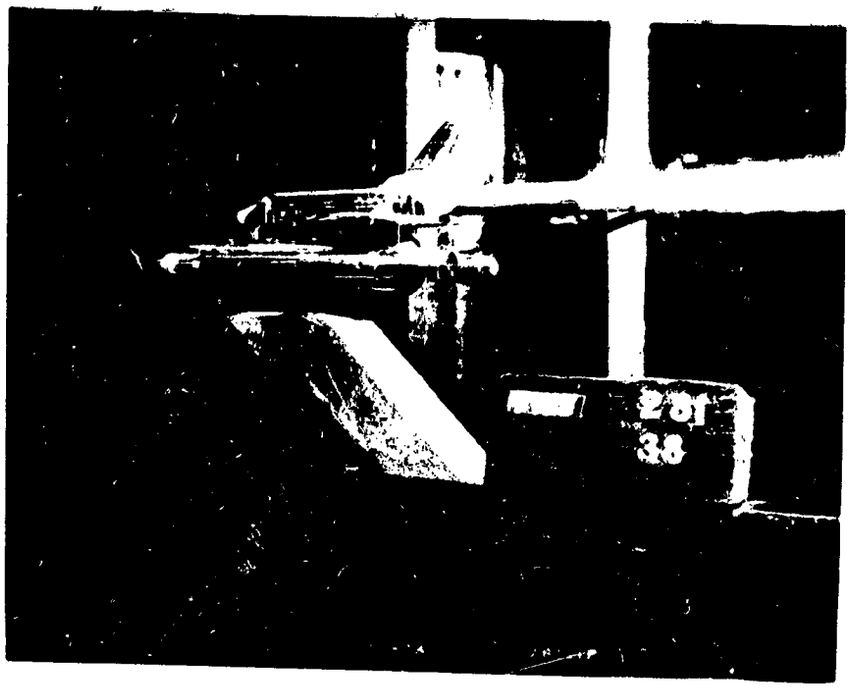


a. Baseline Configuration C_1 F'

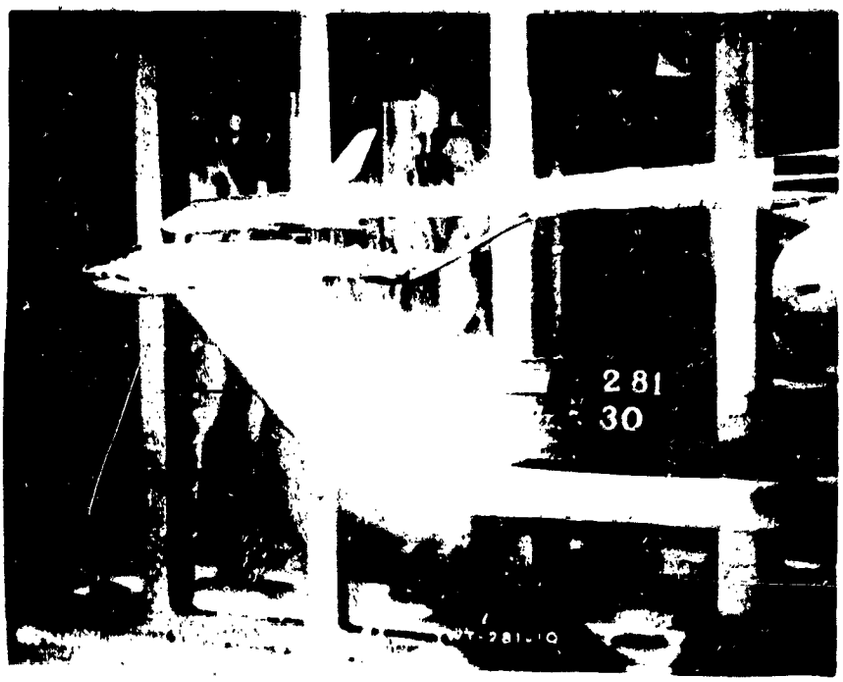


b. Solid Rocket Booster Mounted Strut - Right Side C_1 F' M_2 (1)

Figure 3. - Model photographs.

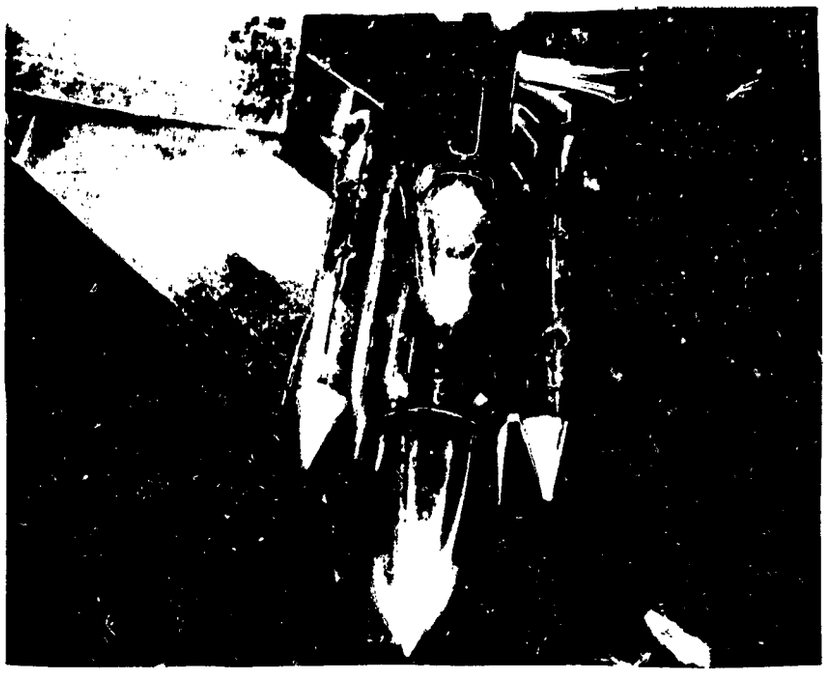


c. External Tank Mounted Strut - Fwd Position C_1 F' M_1 (1)

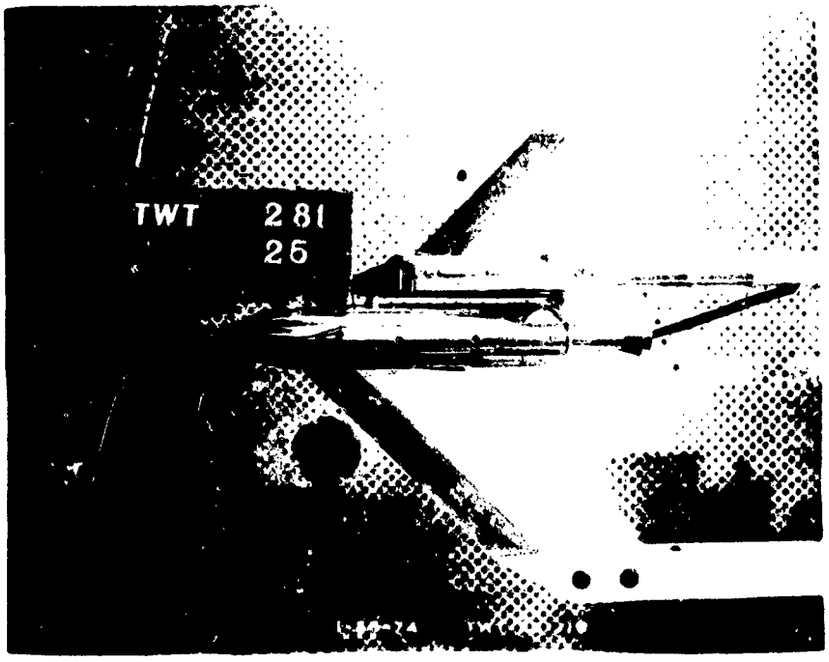


d. External Tank Mounted Strut - Aft Position C_1 F' M_1 (2)

Figure 3. - Continued



e. Solid Rocket Booster Mounted Strut - Left Side C_1 F' M_2' (1) + wax fillet



f. External Tank and Orbiter Mounted Struts C_1 F' M_3 (1) M_4 (1)

Figure 3. - Concluded.

DATA FIGURES - FORCE

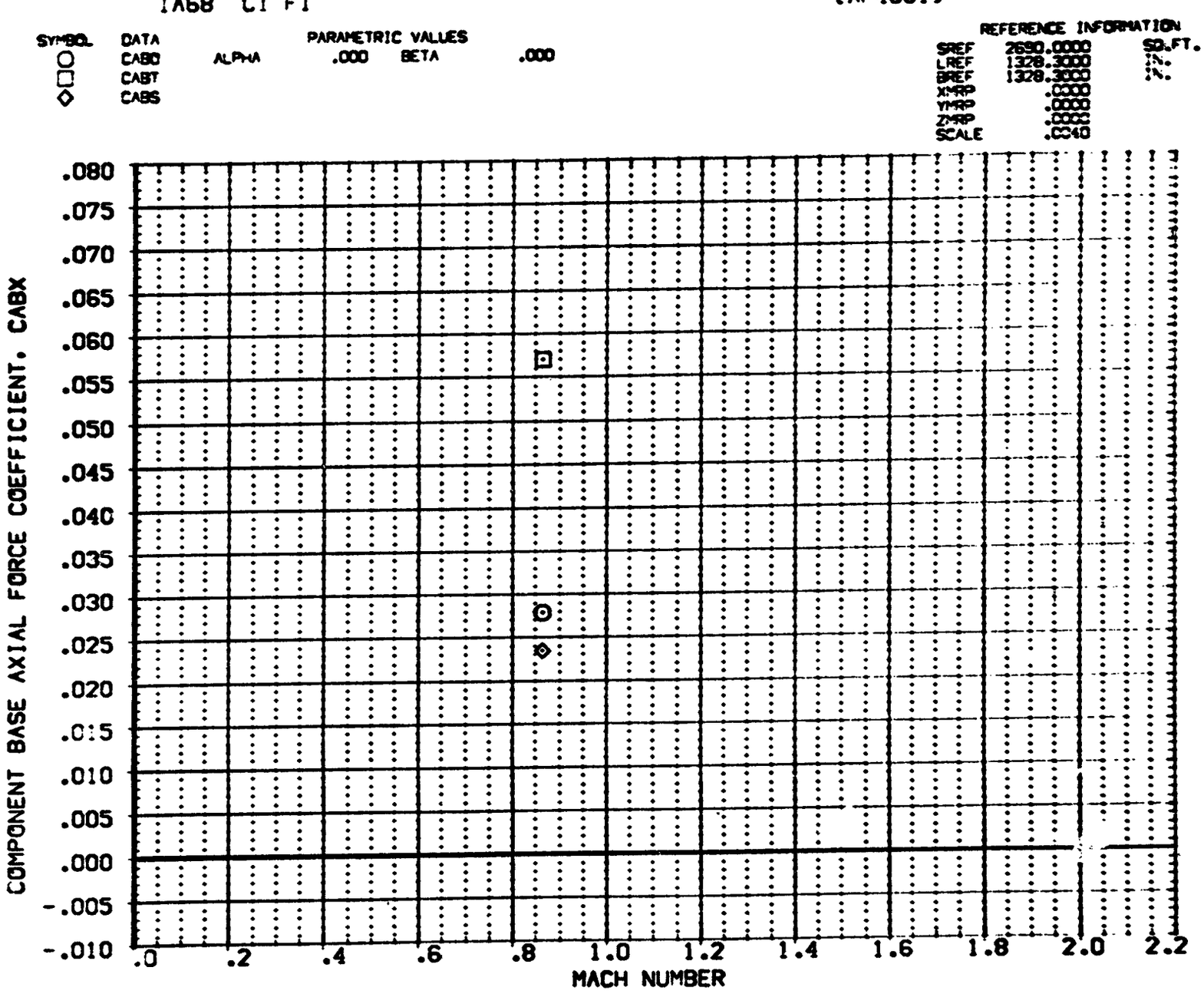


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

(AF4002)

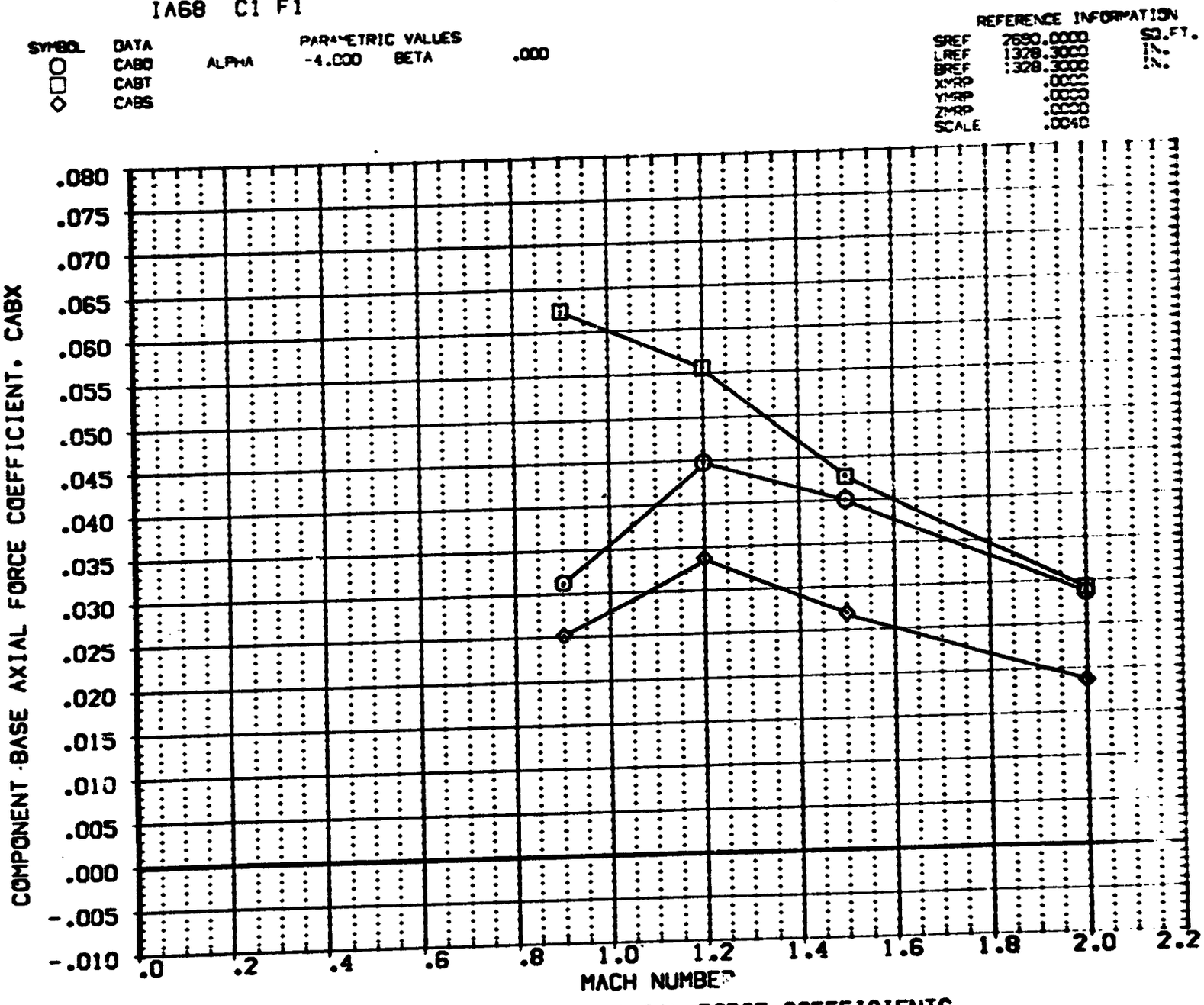


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

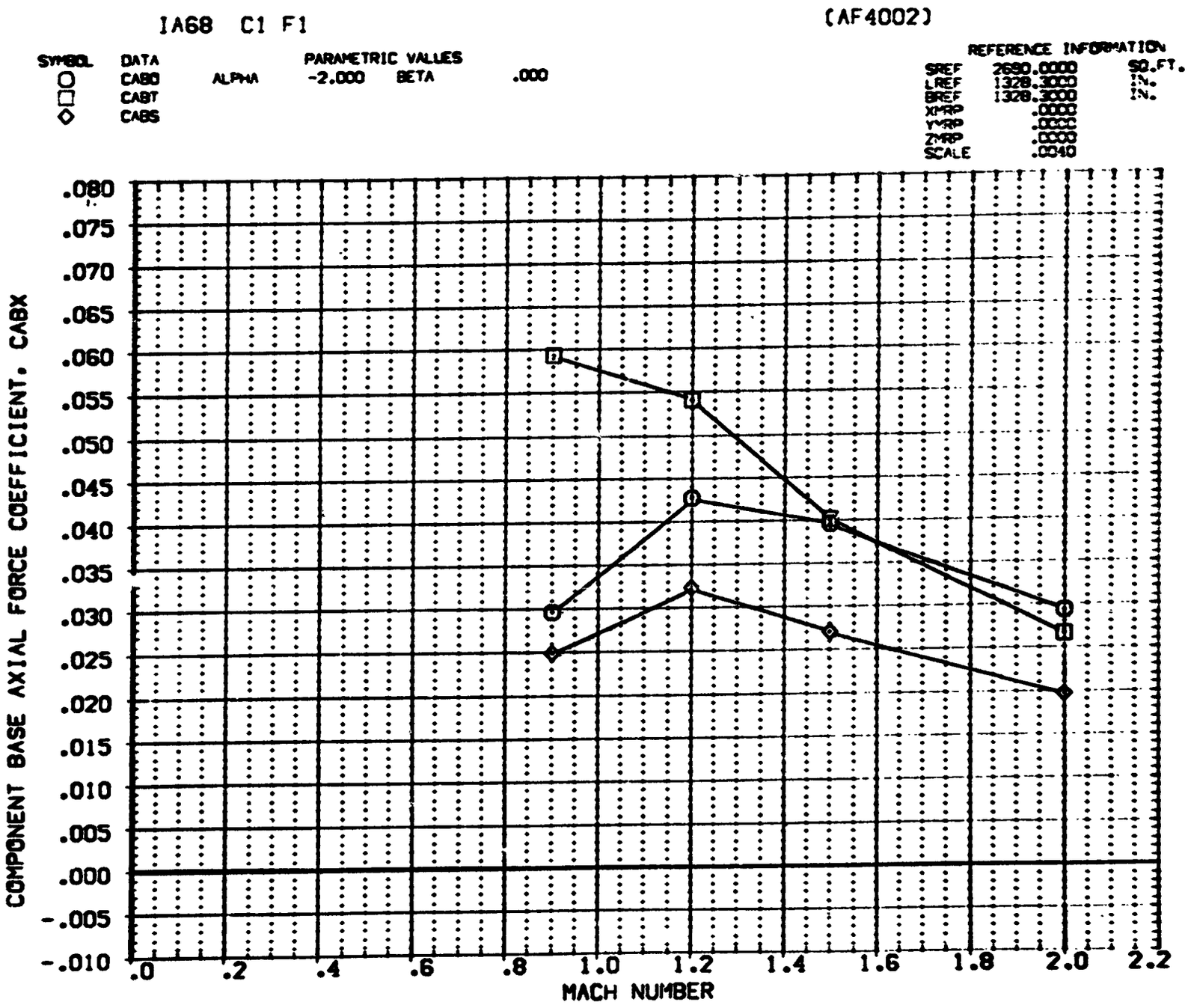


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

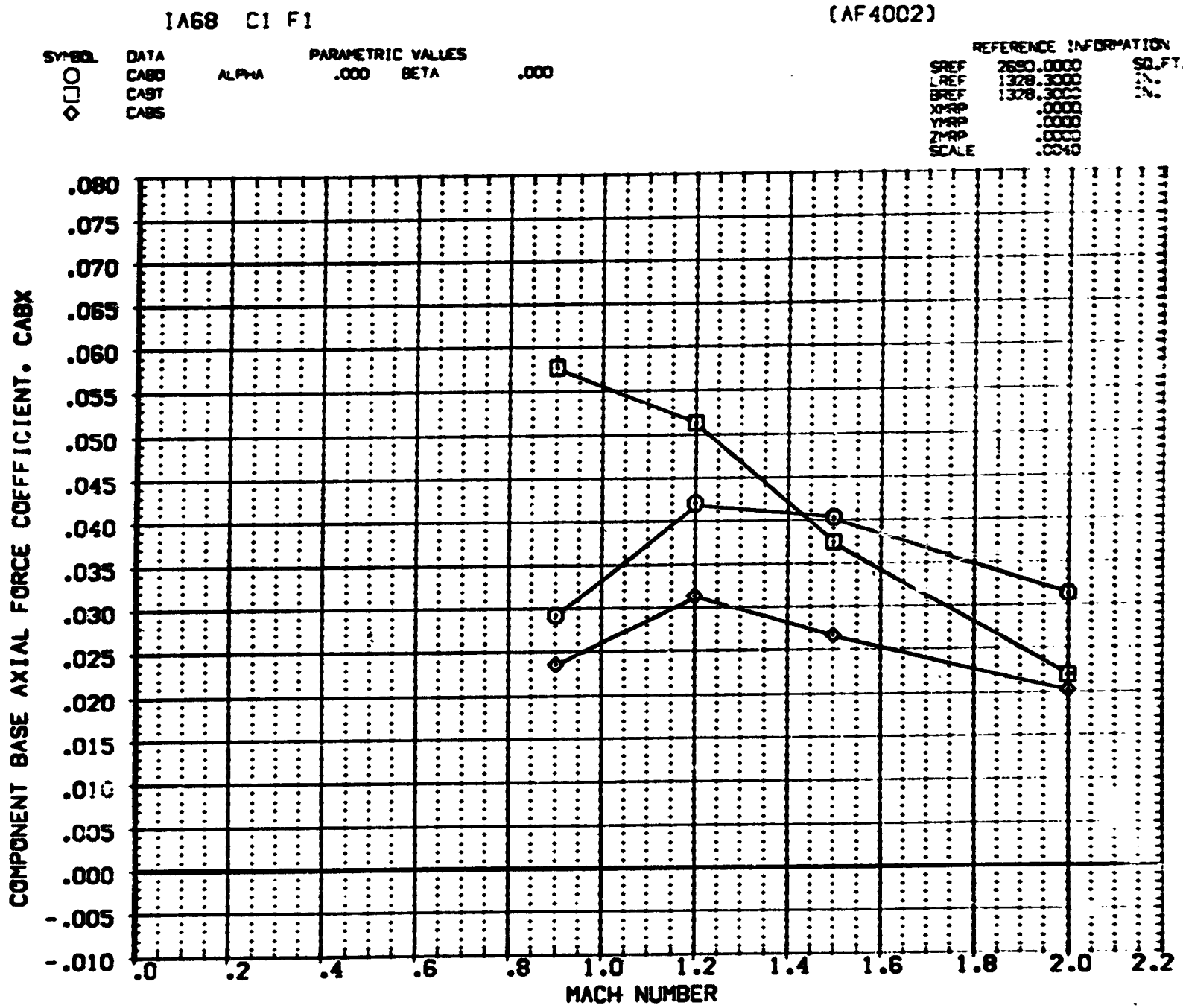


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

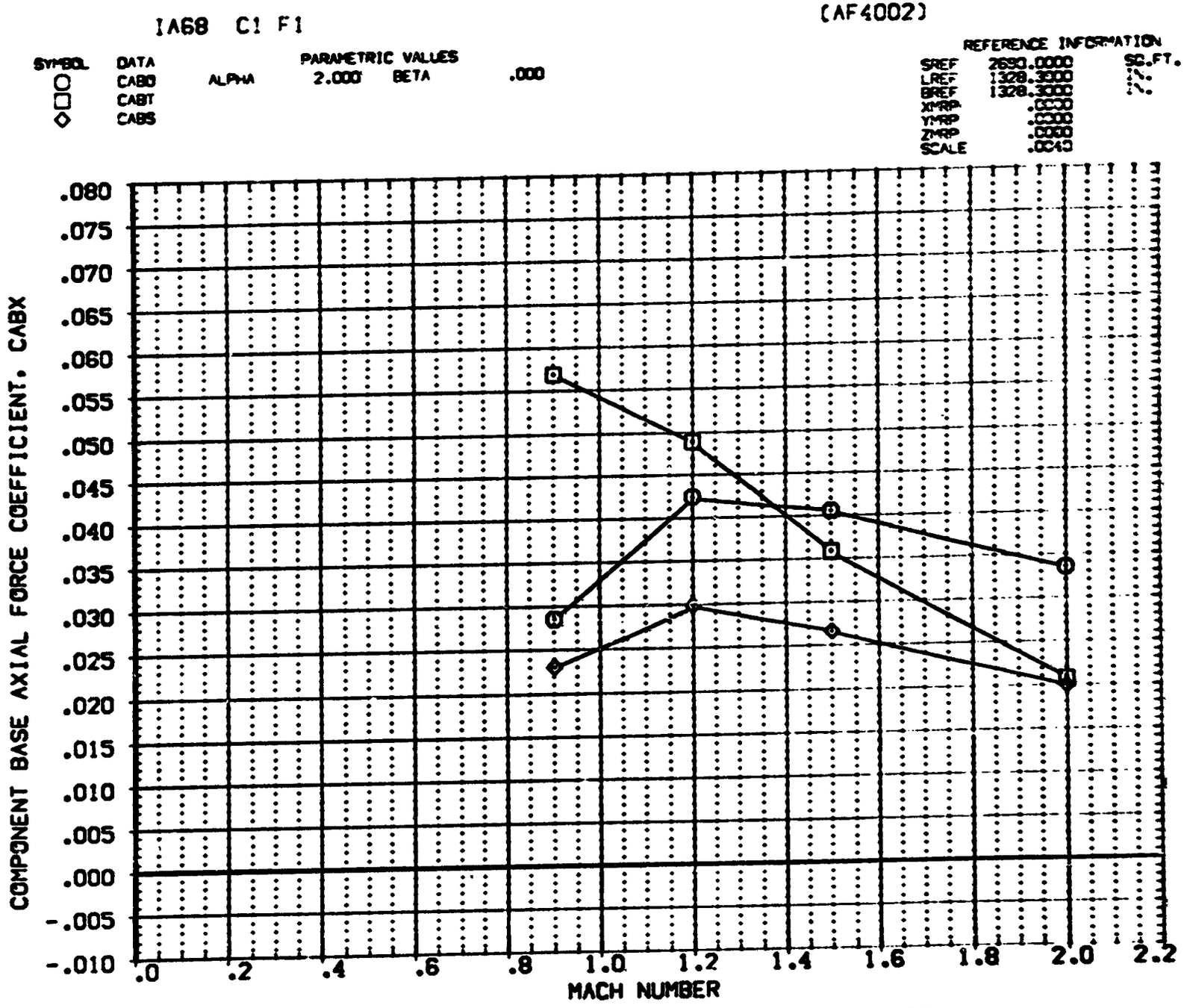


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

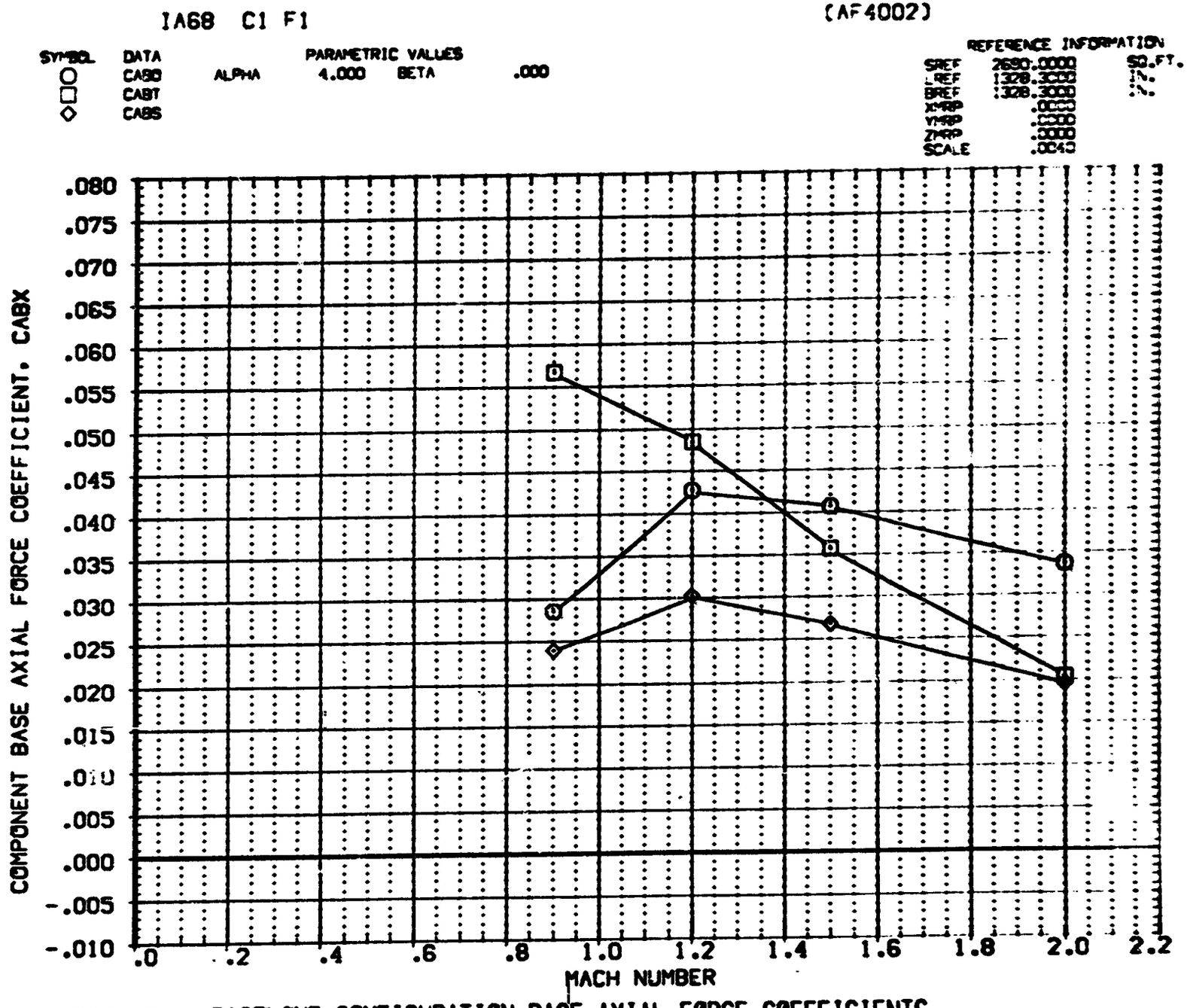


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

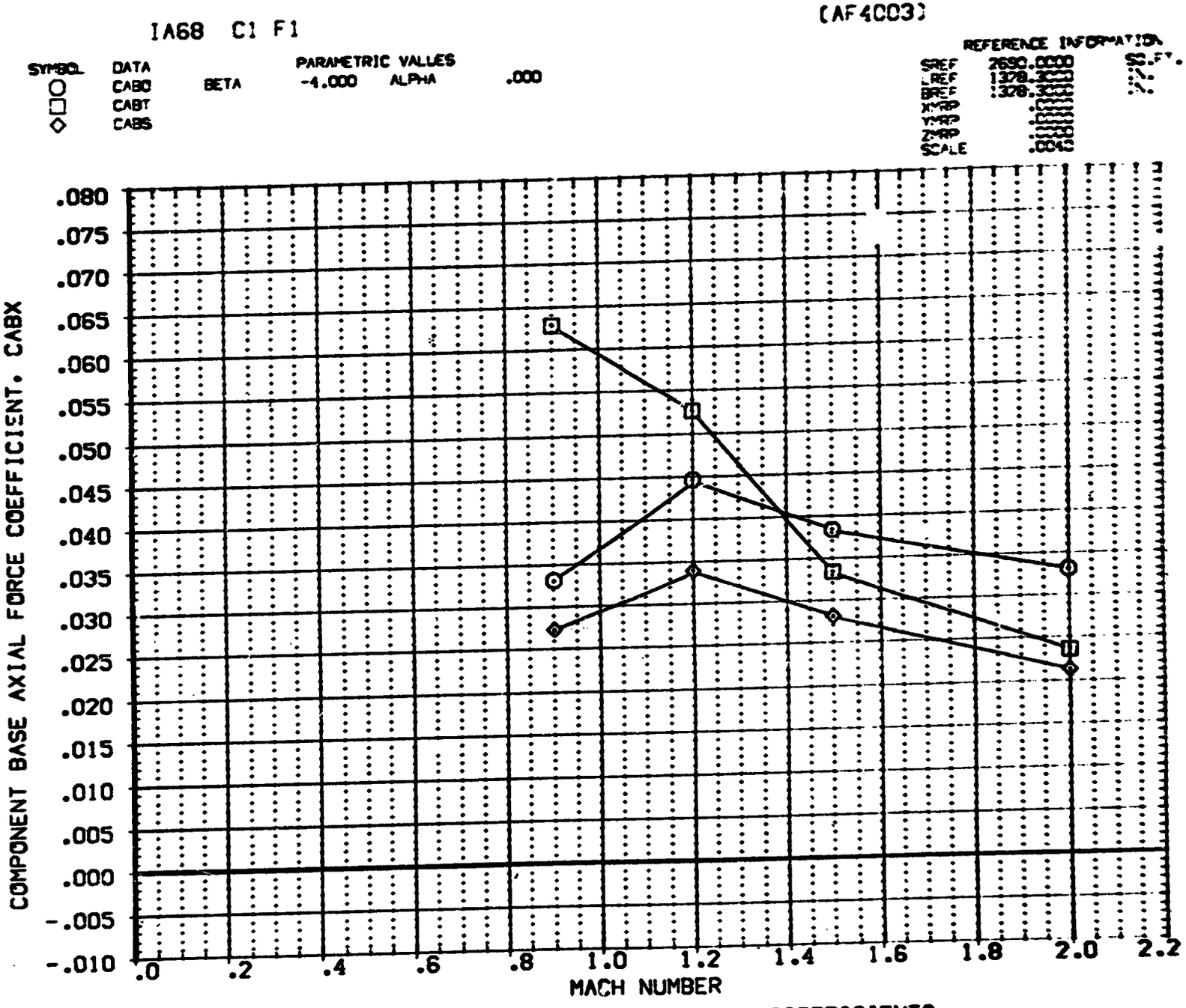


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

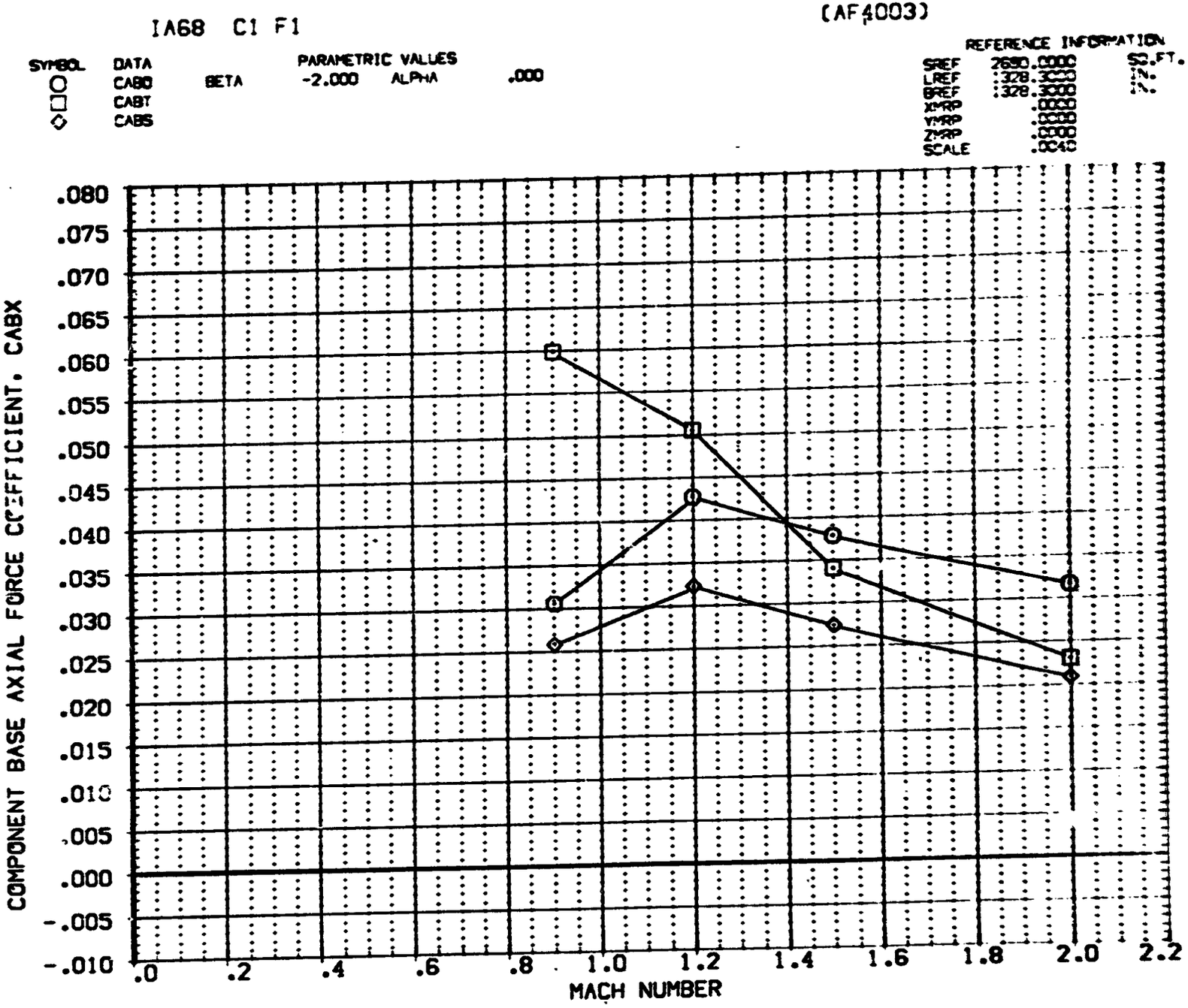


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

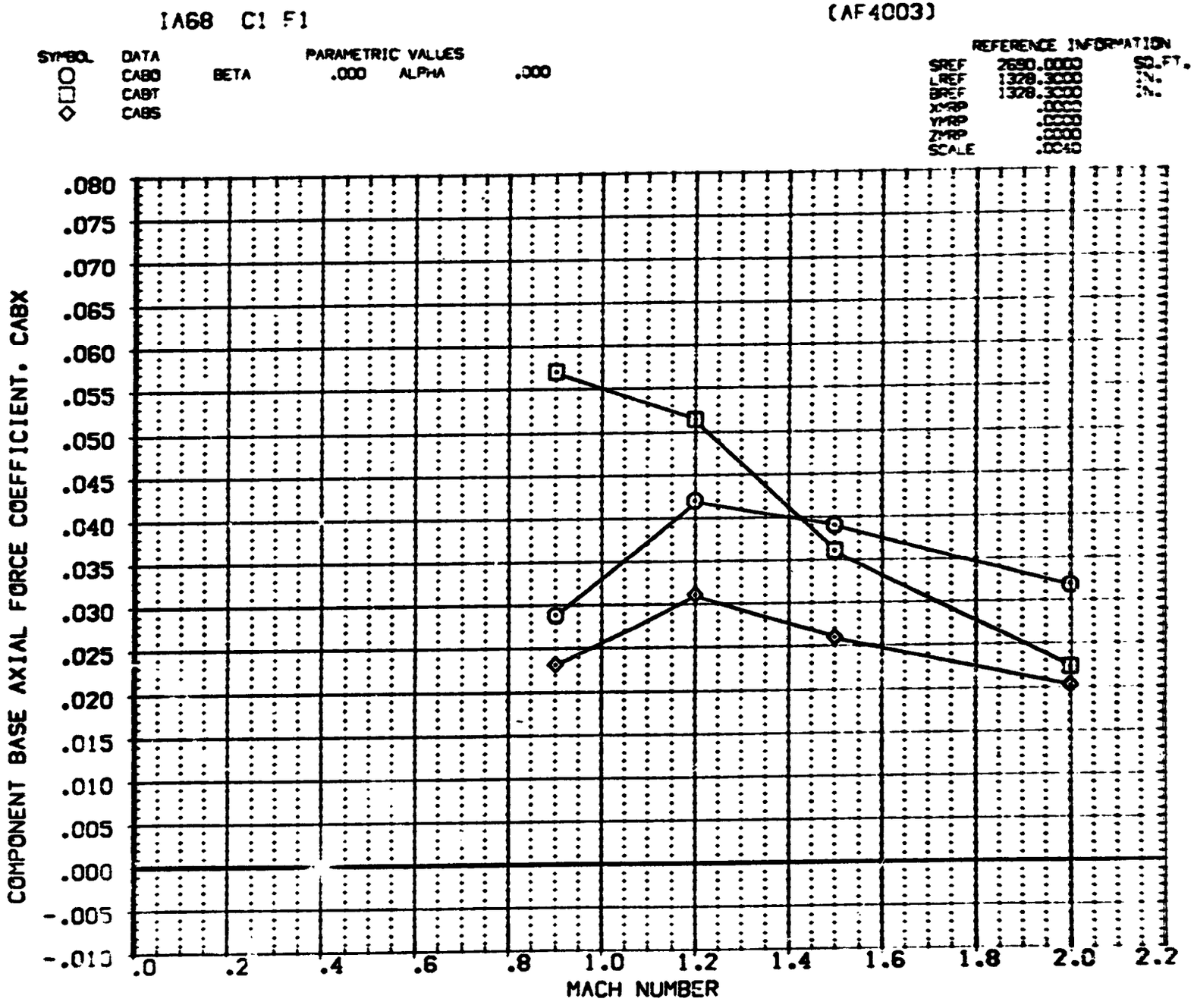


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

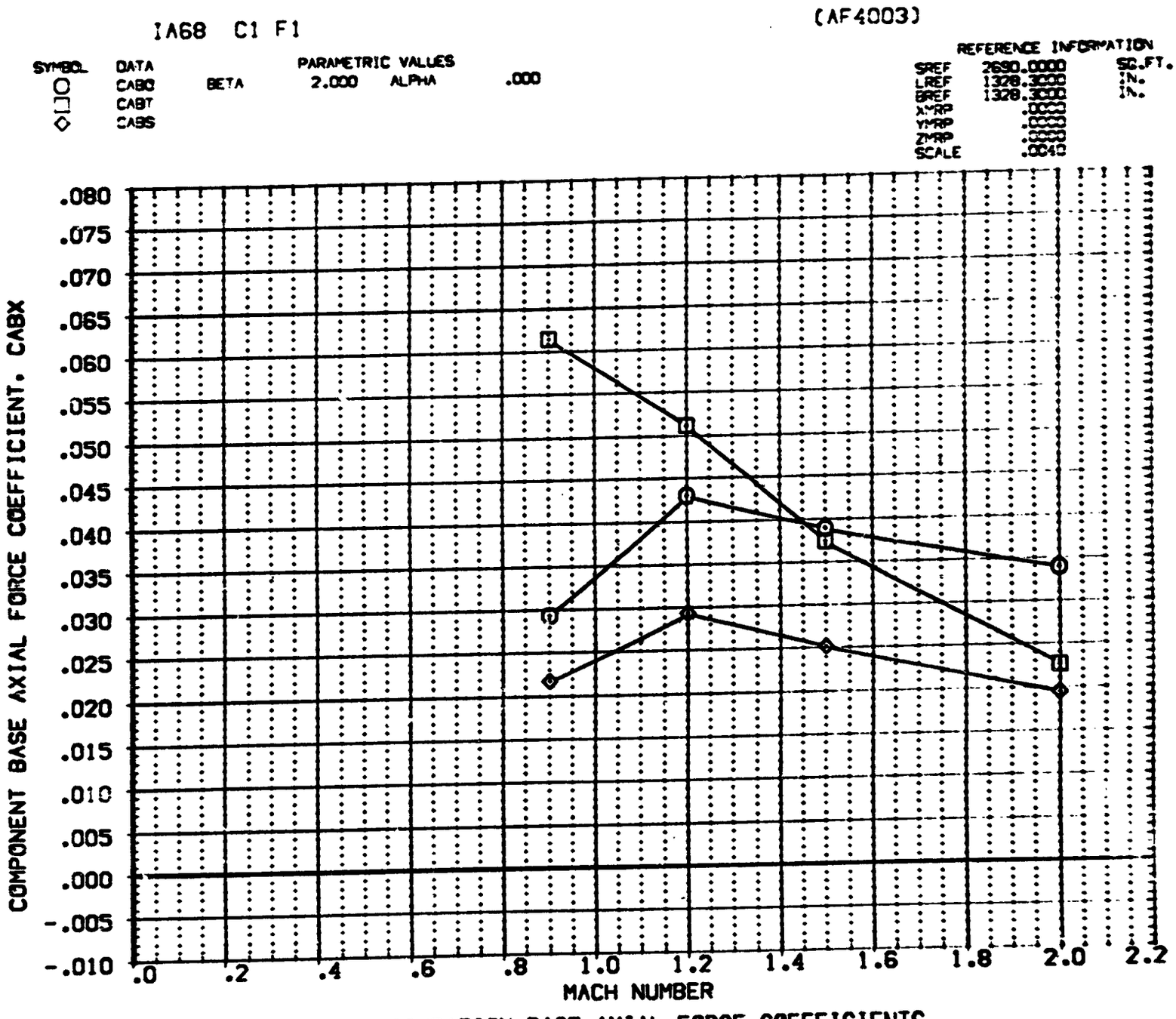
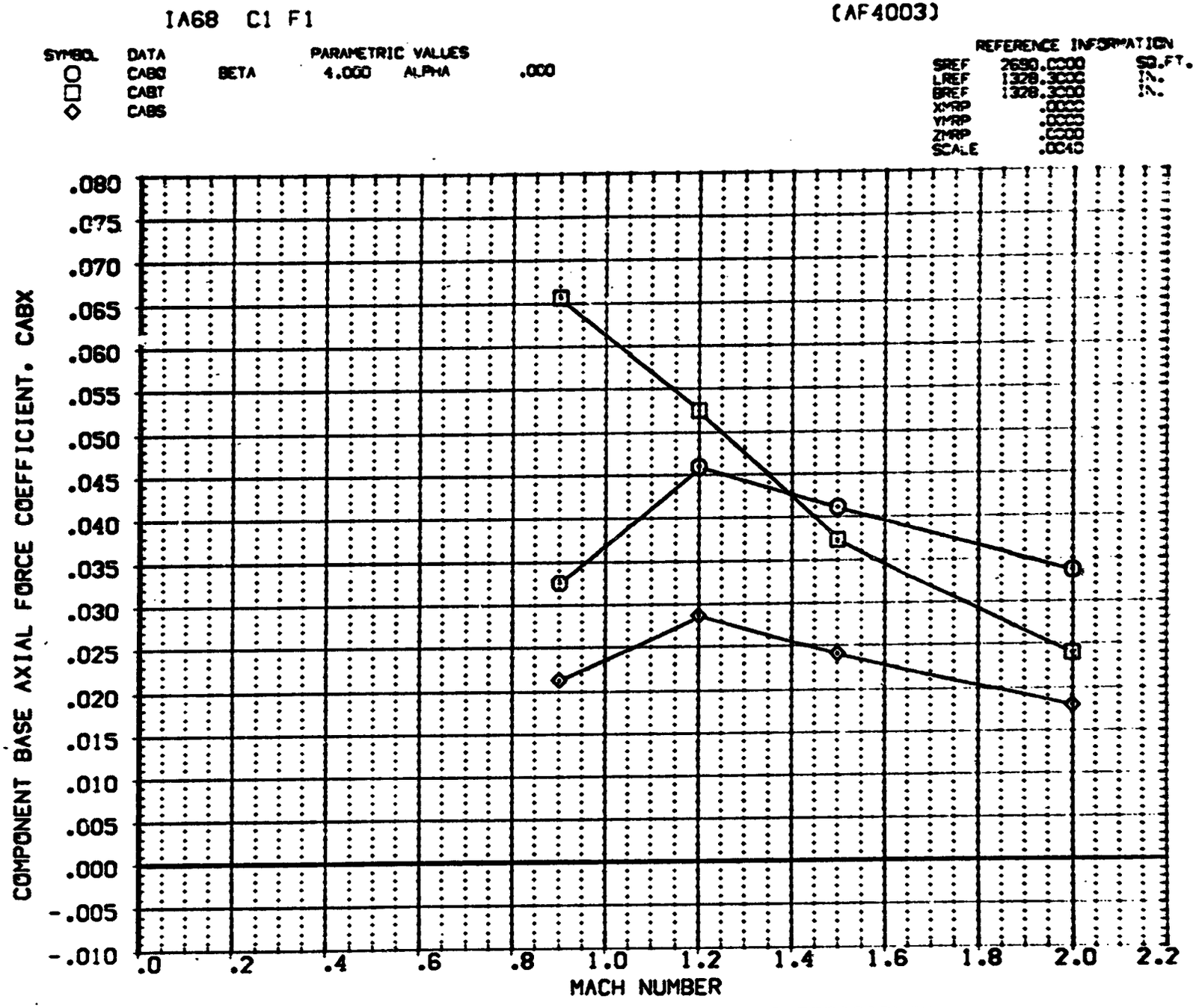


FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS



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(AF4004)

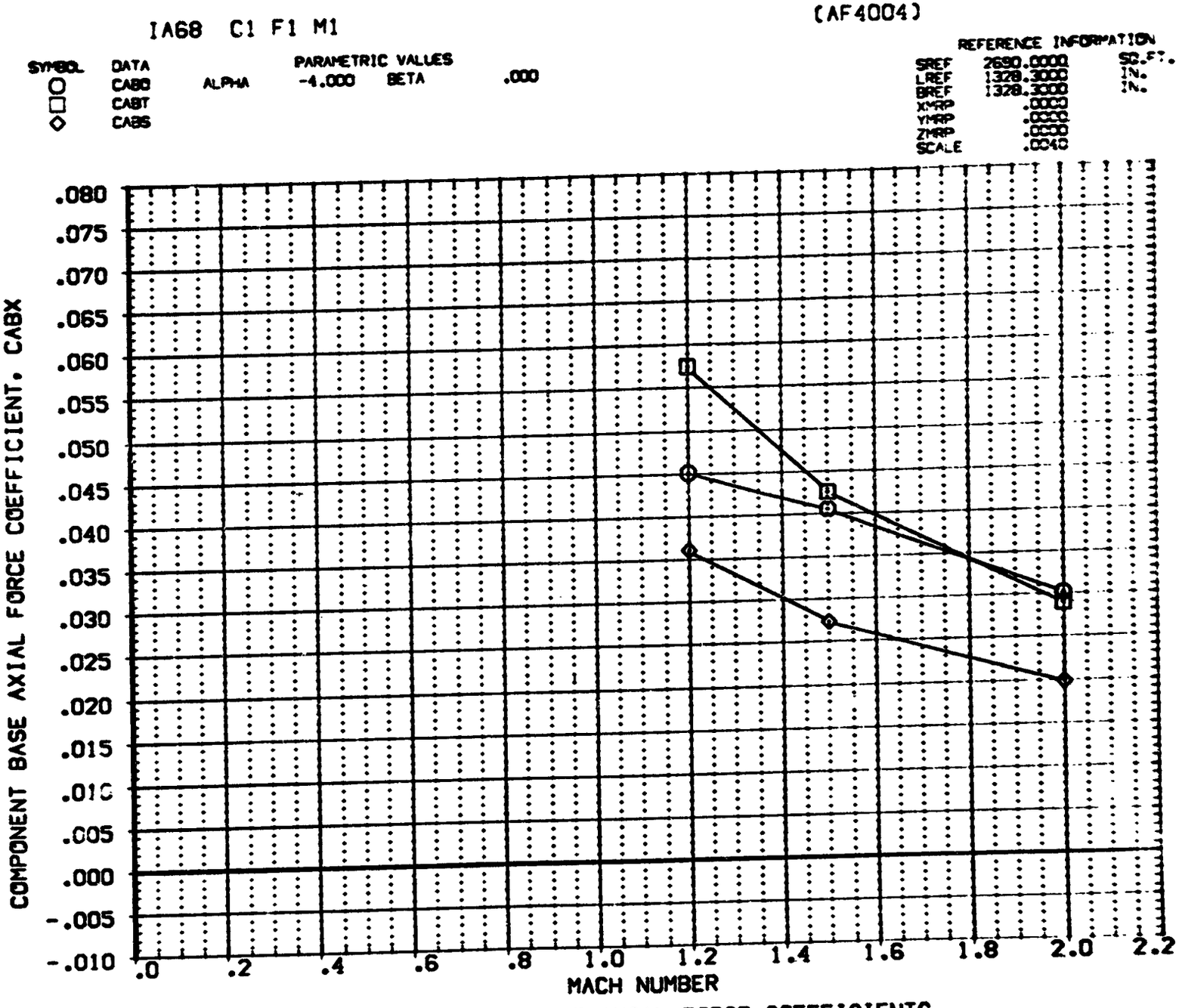

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

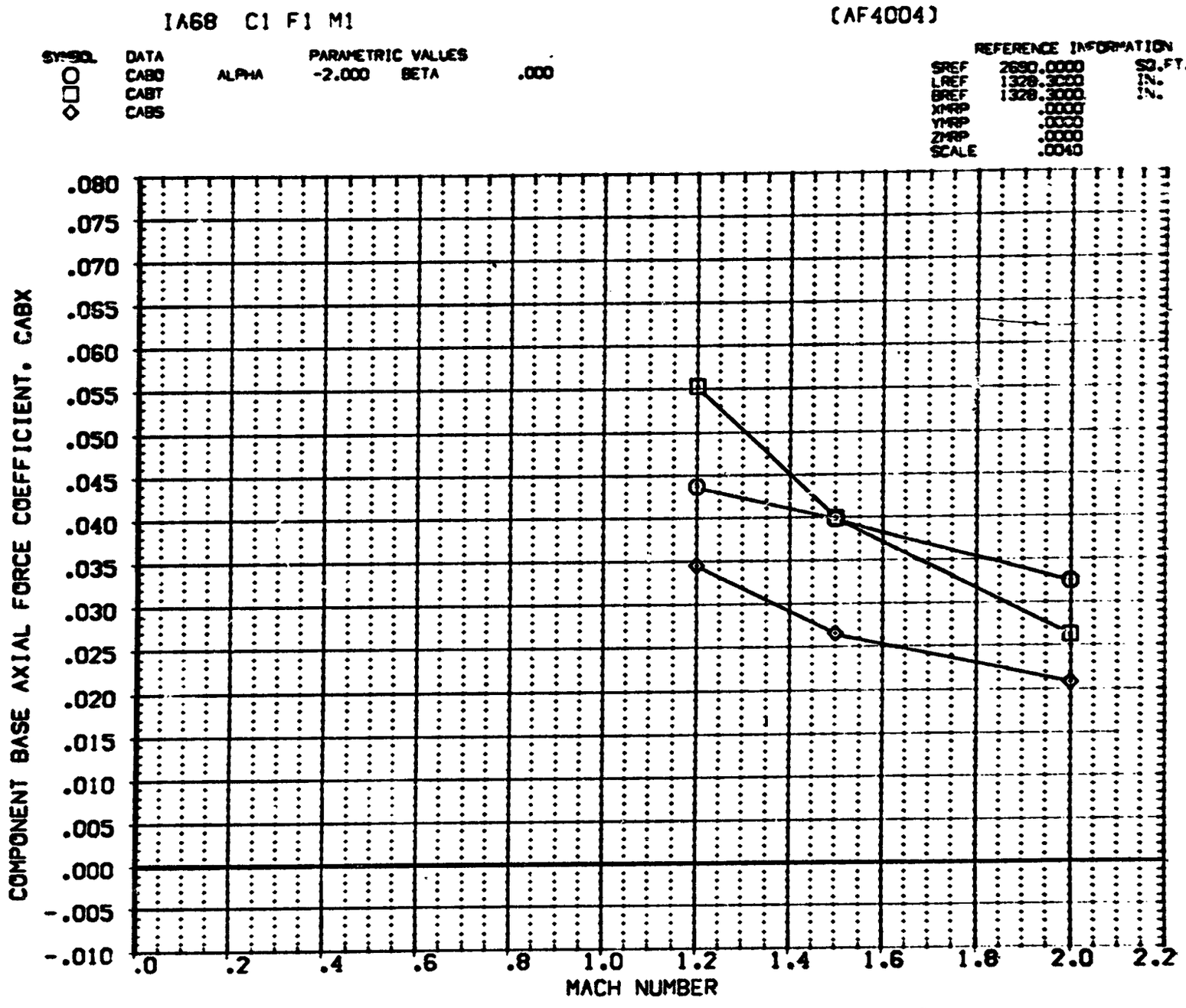

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

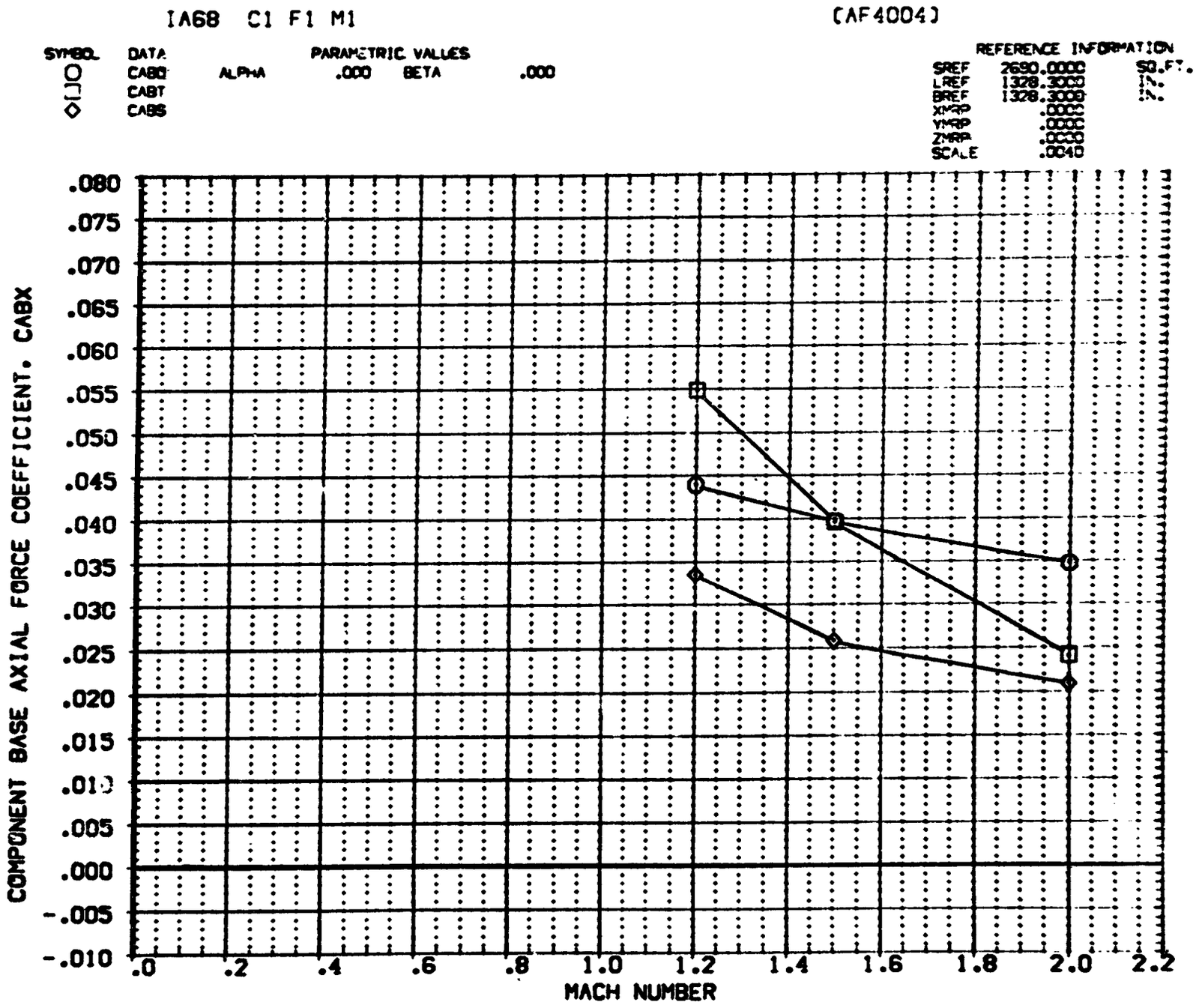

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

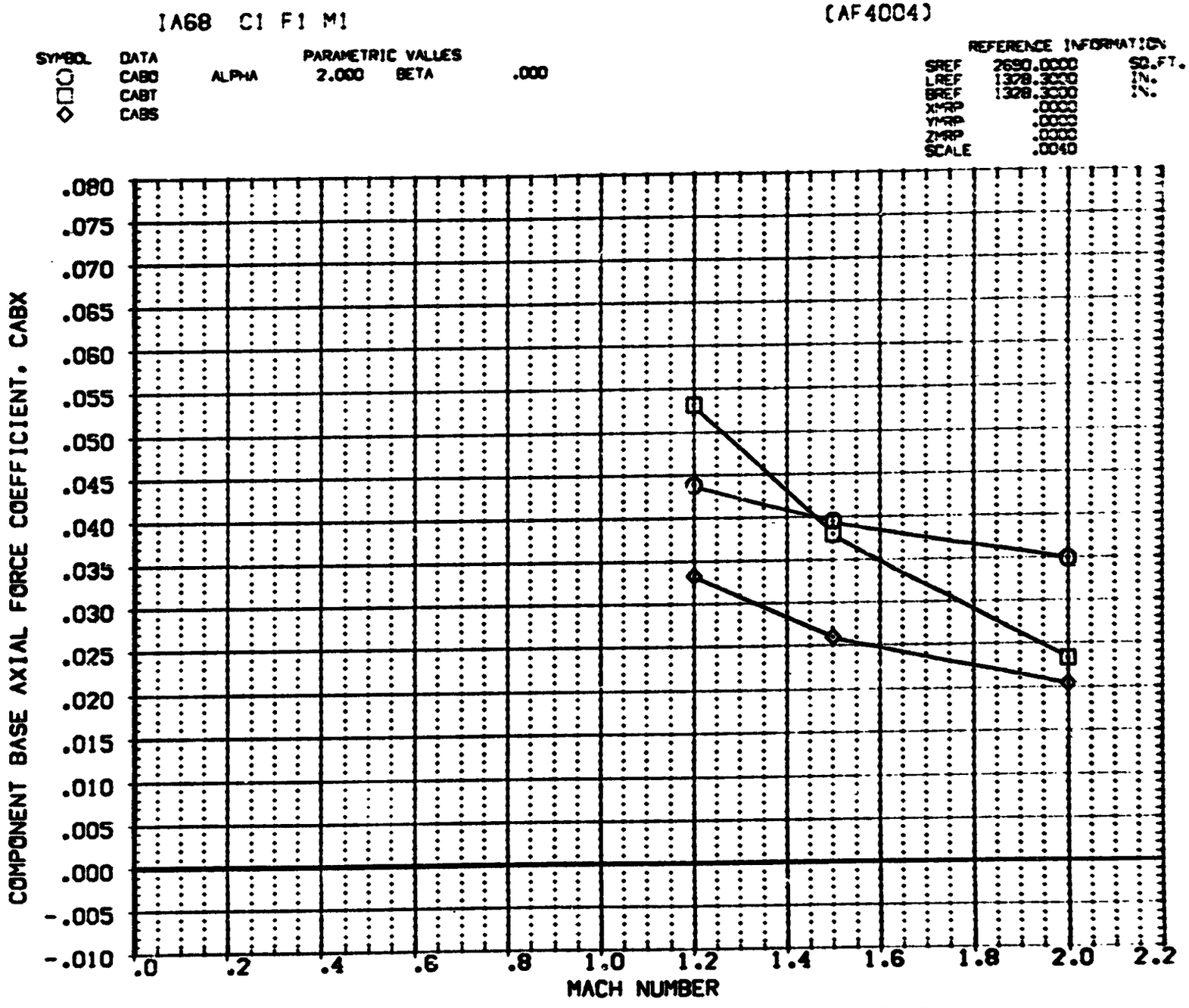

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

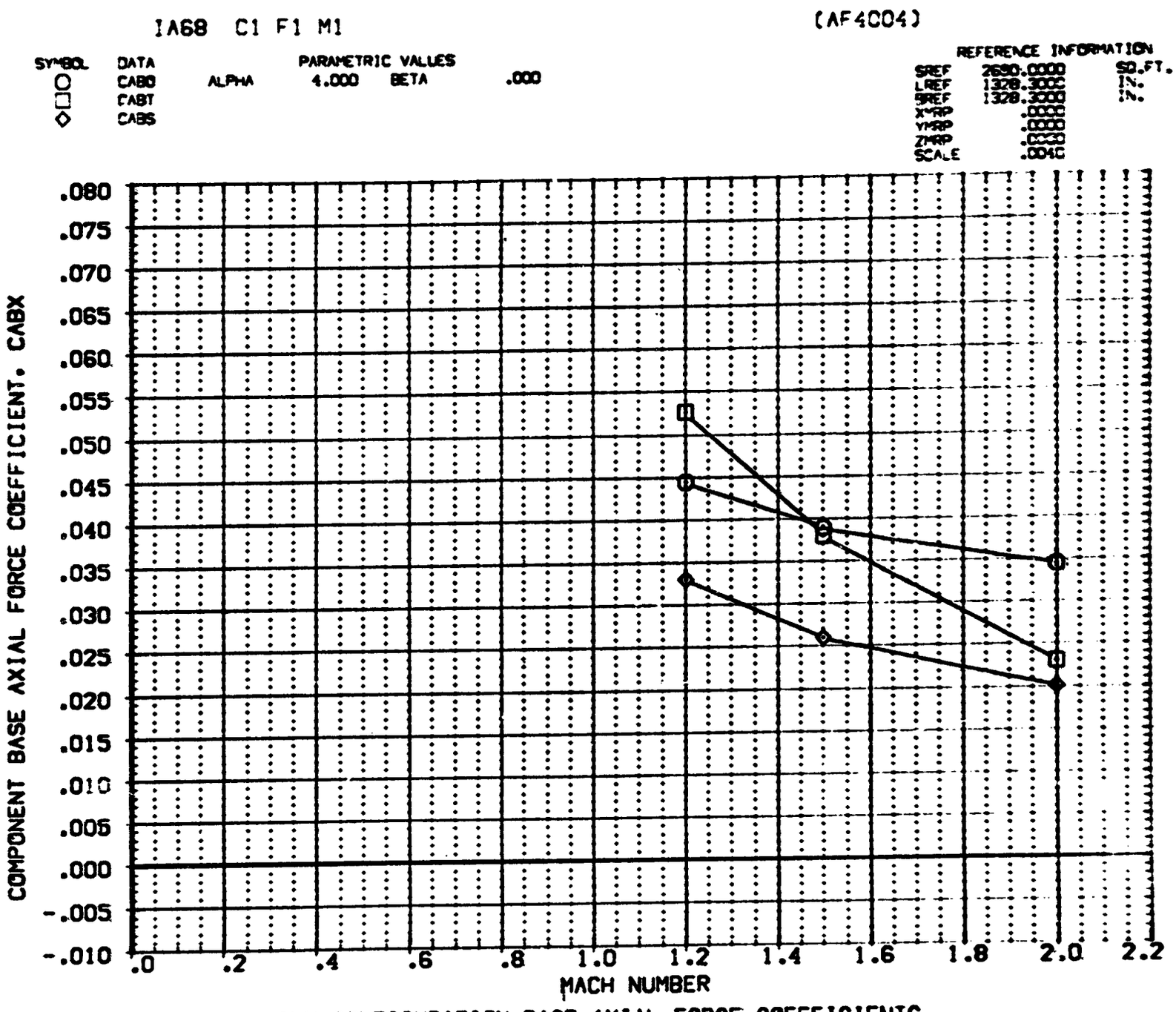

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

(AF4005)

IA68 C1 F1 M1

SYMBOL	DATA
○	CABO
□	CABT
◇	CABS

PARAMETRIC VALUES

BETA -4.000 ALPHA .000

REFERENCE INFORMATION

SREF	2690.0000	SQ.FT.
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BREF	1328.3000	IN.
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YMRP	.0000	
ZMRP	.0000	
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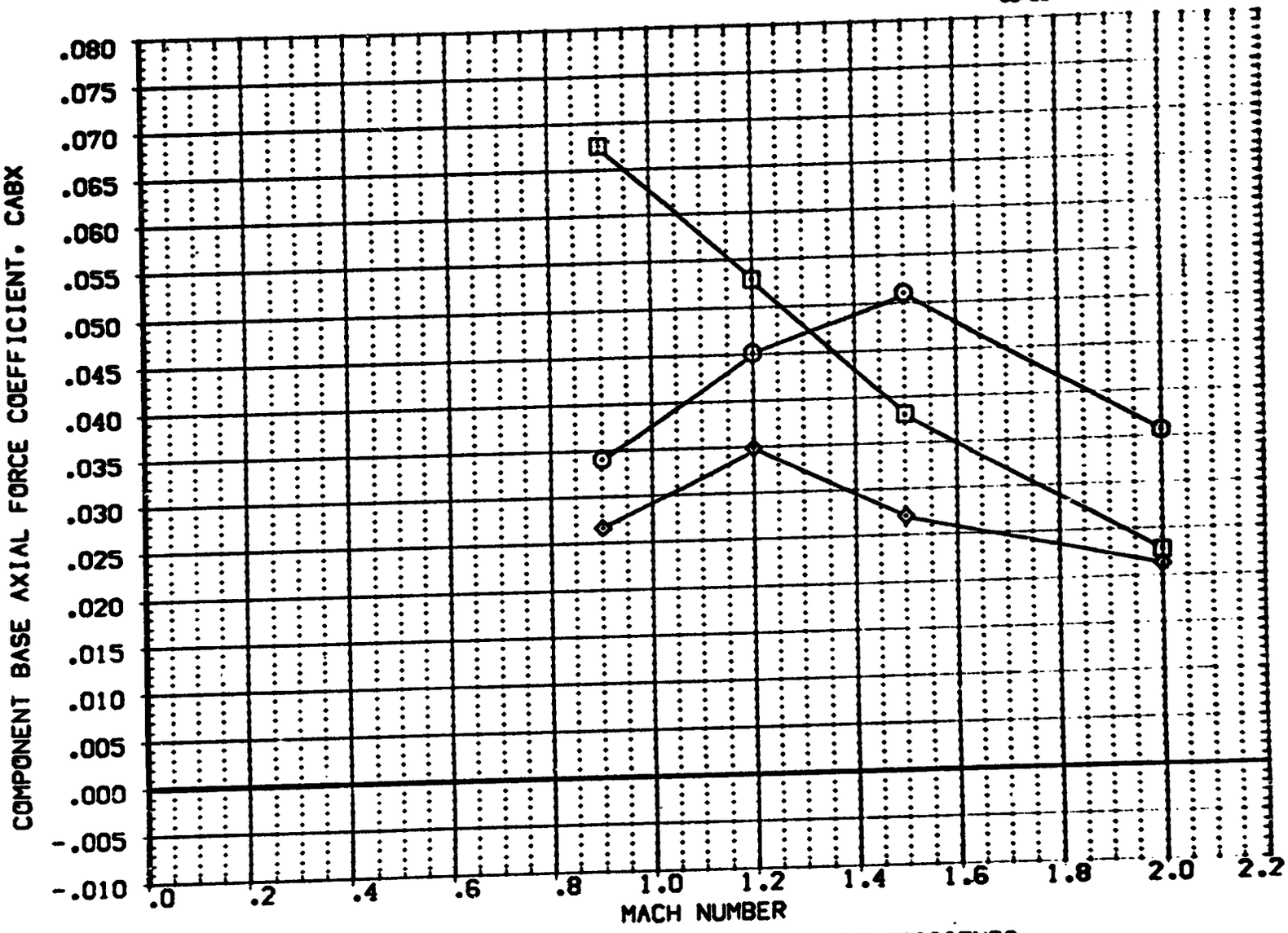

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

IA68 C1 F1 M1

SYMBOL	DATA
○	CABC
□	CABT
◇	CABS

PARAMETRIC VALUES

BETA -2.000 ALPHA .300

REFERENCE INFORMATION

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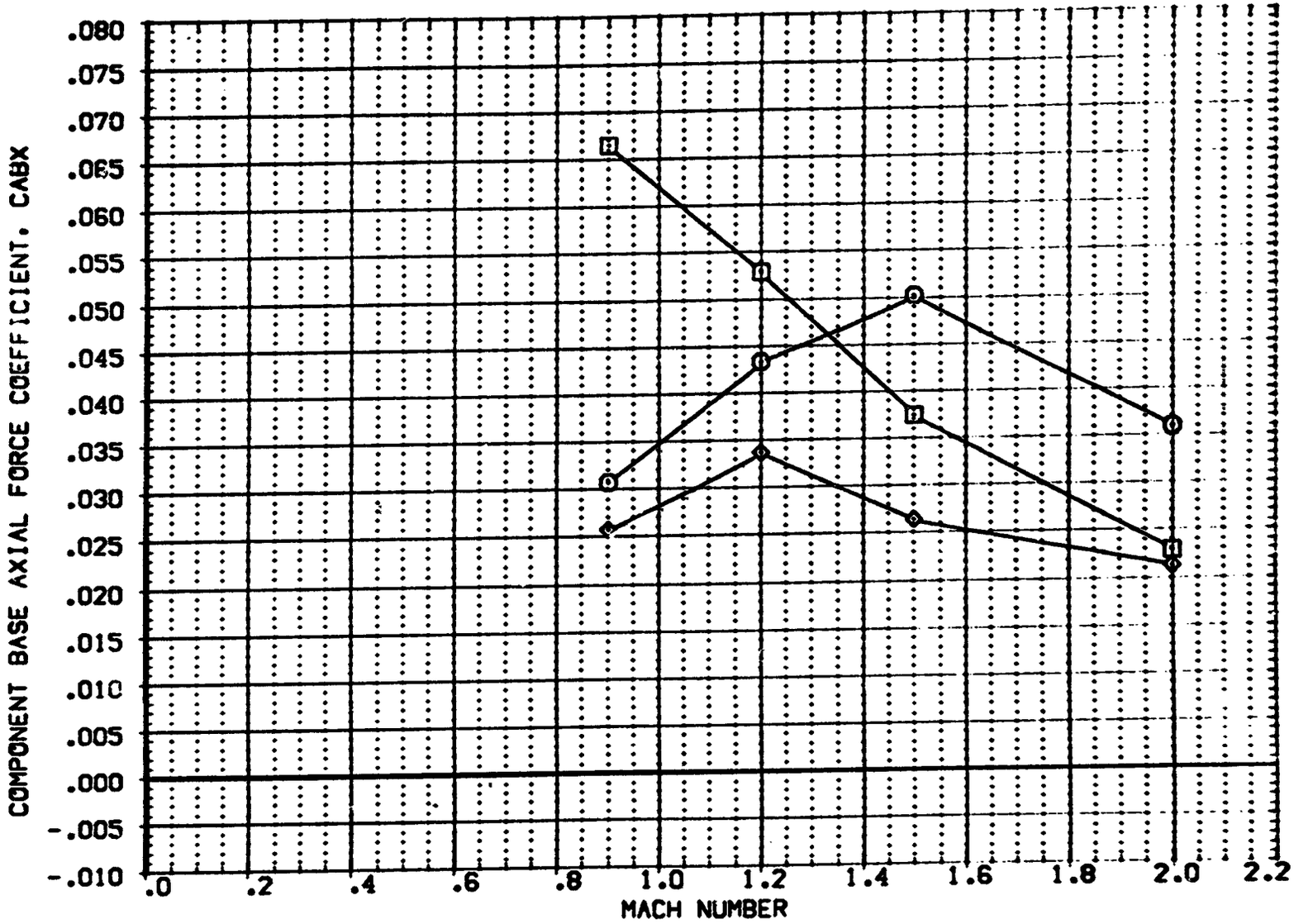

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

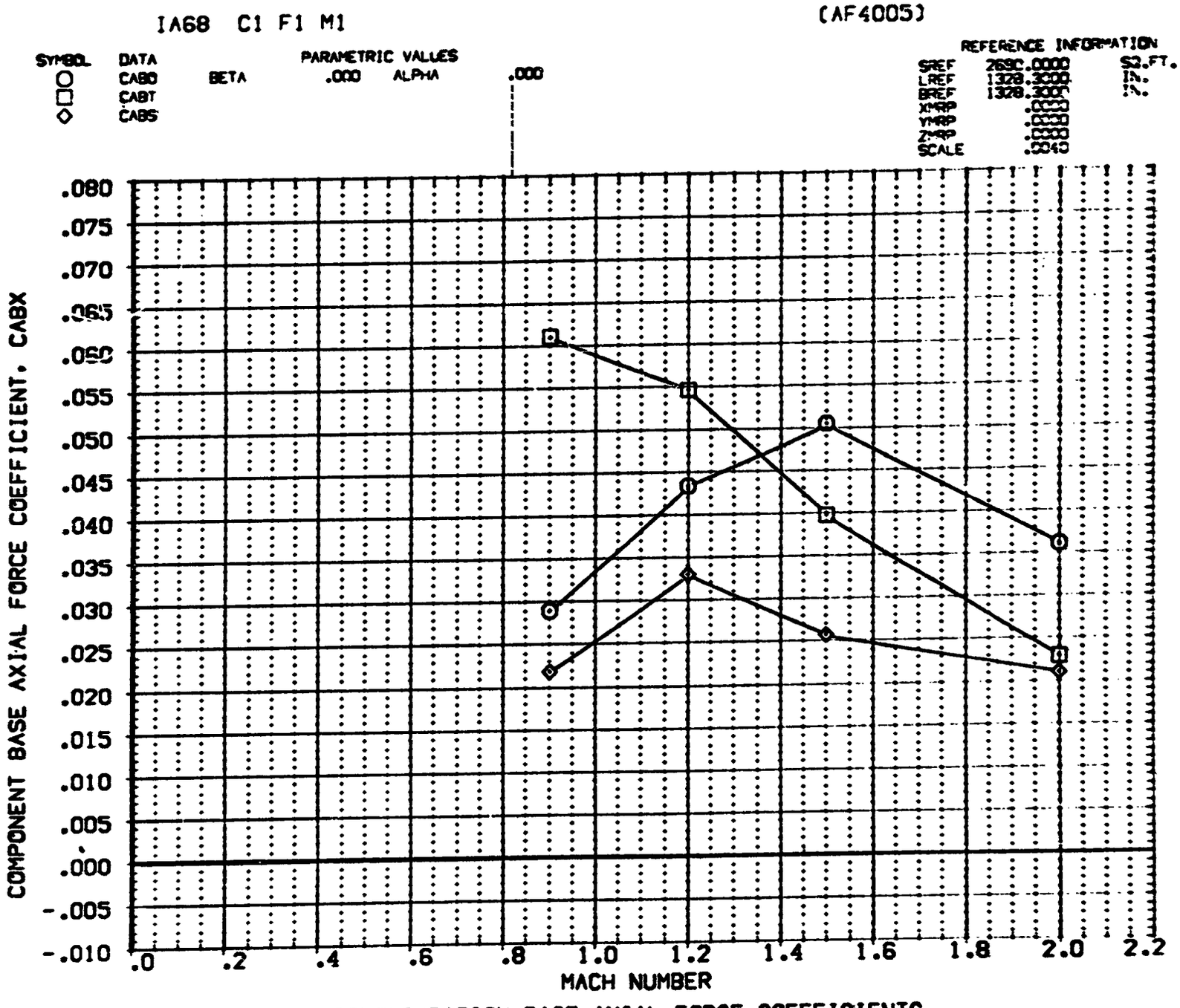

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

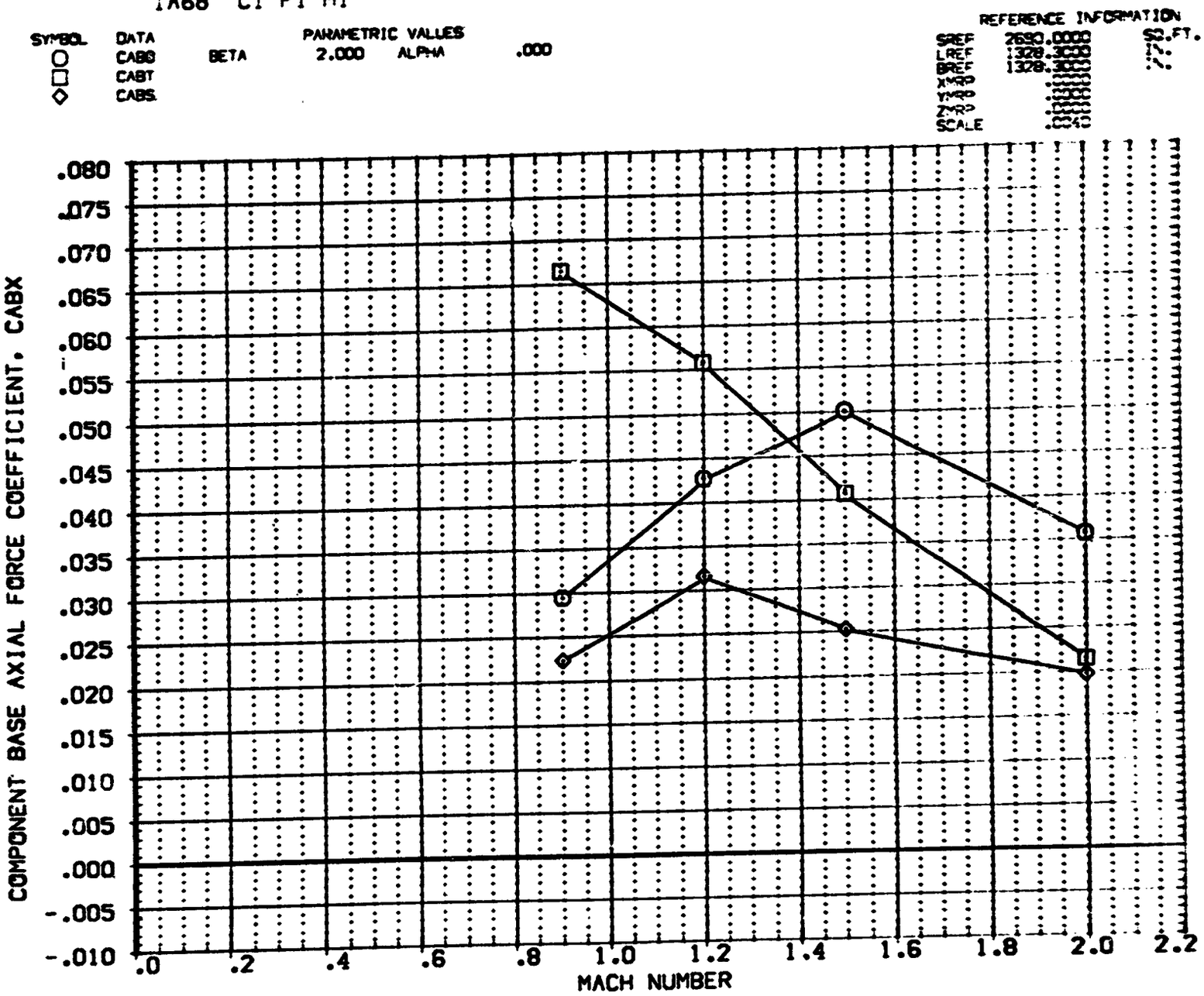

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

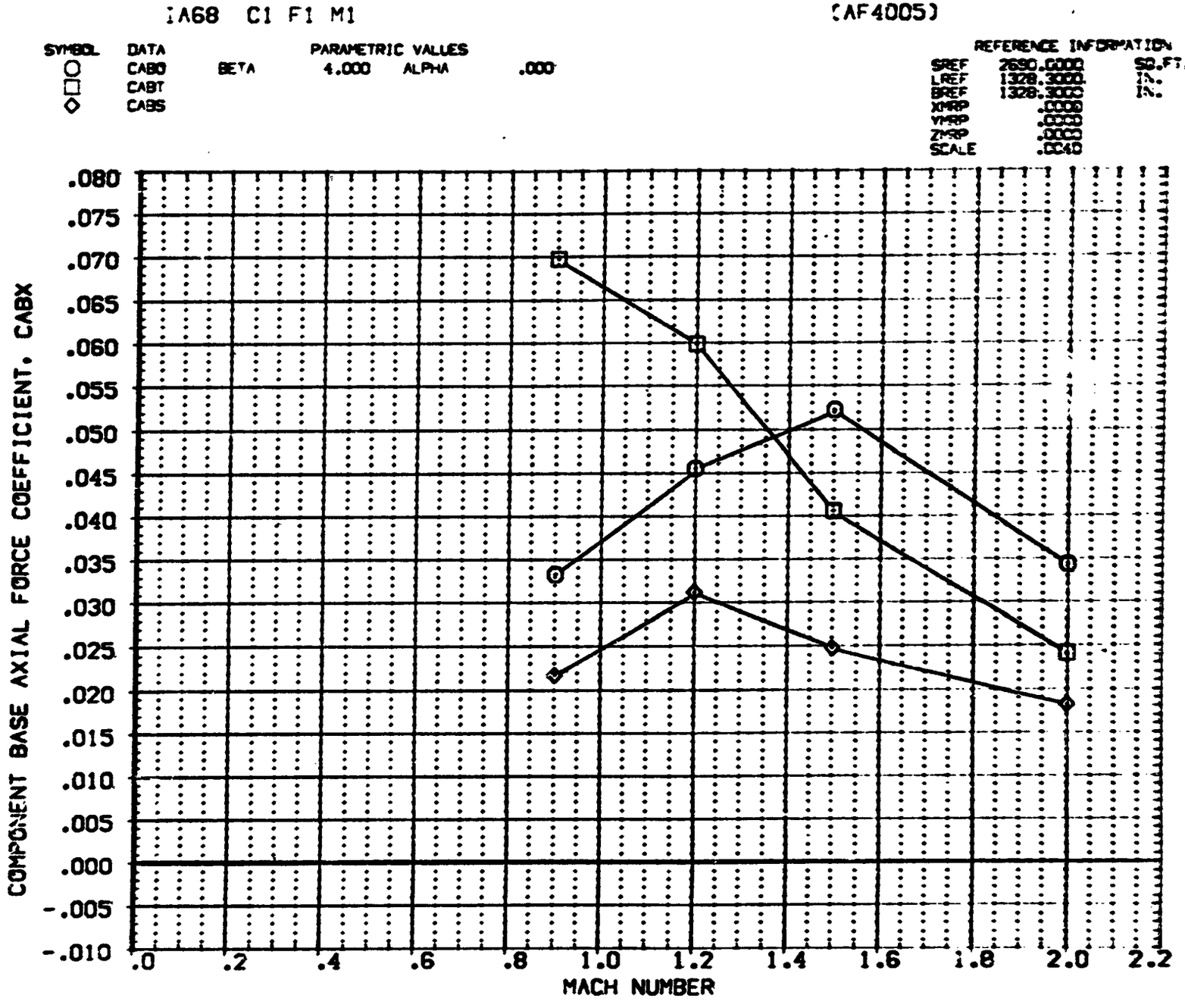

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

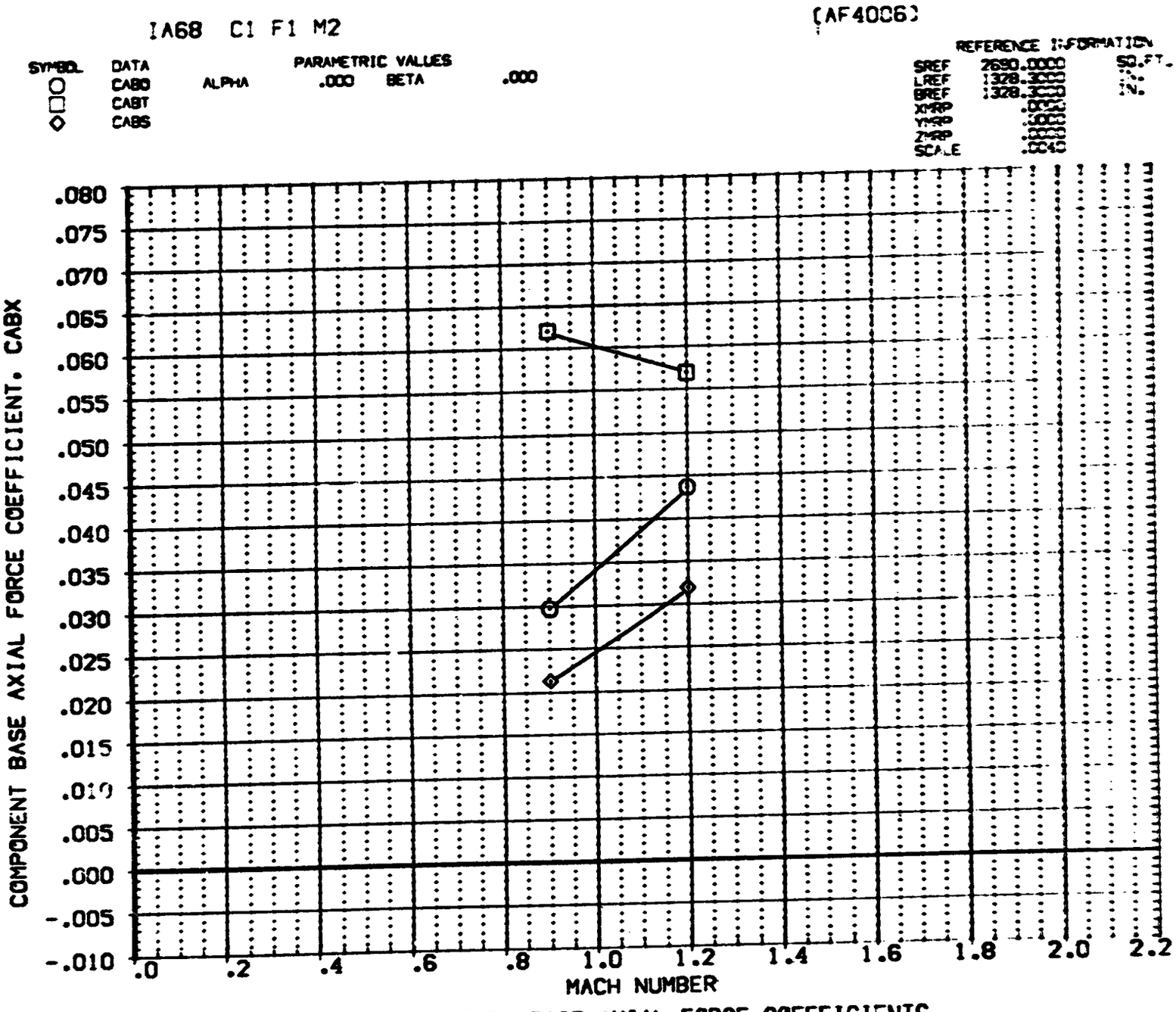

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

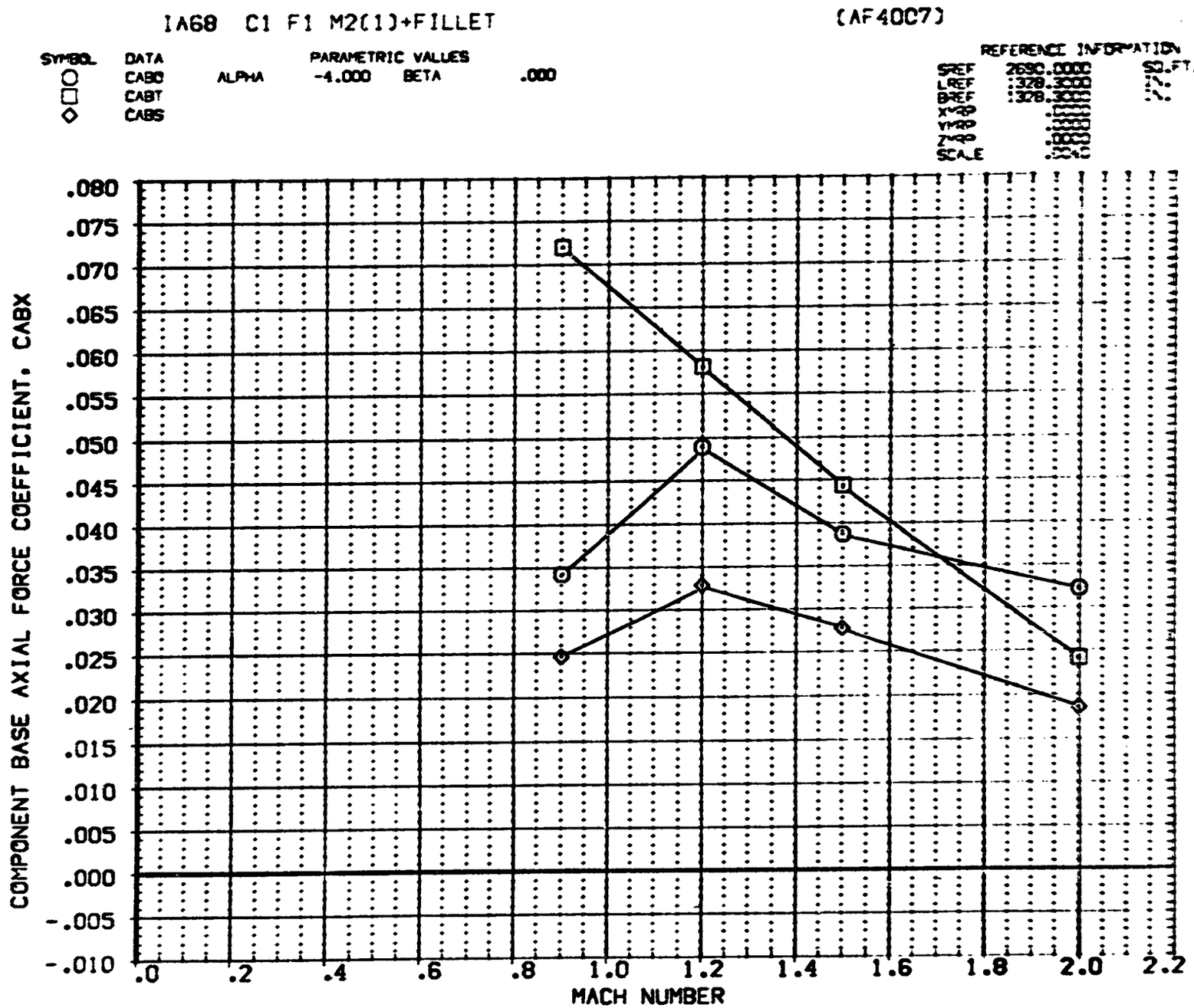

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

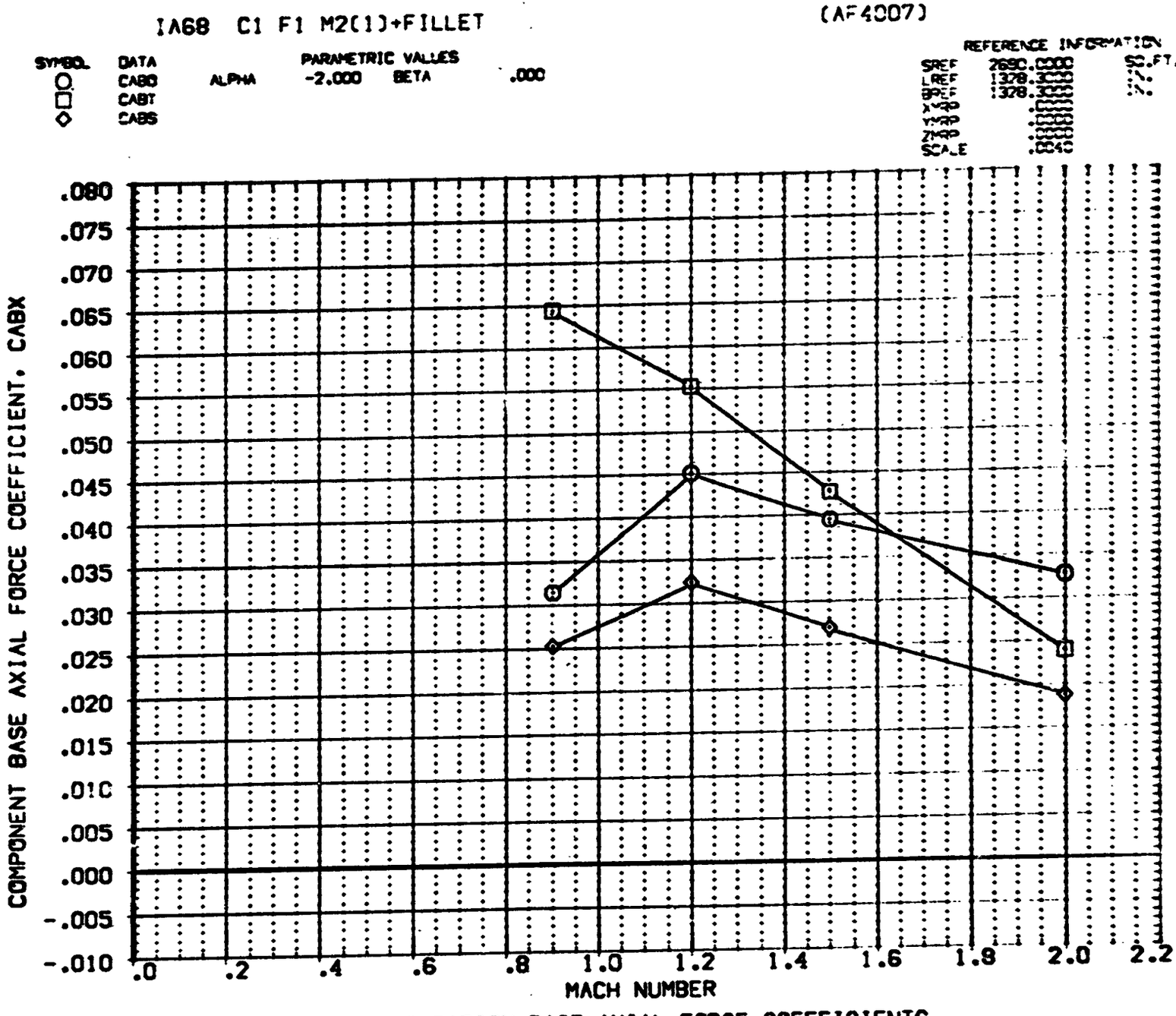

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

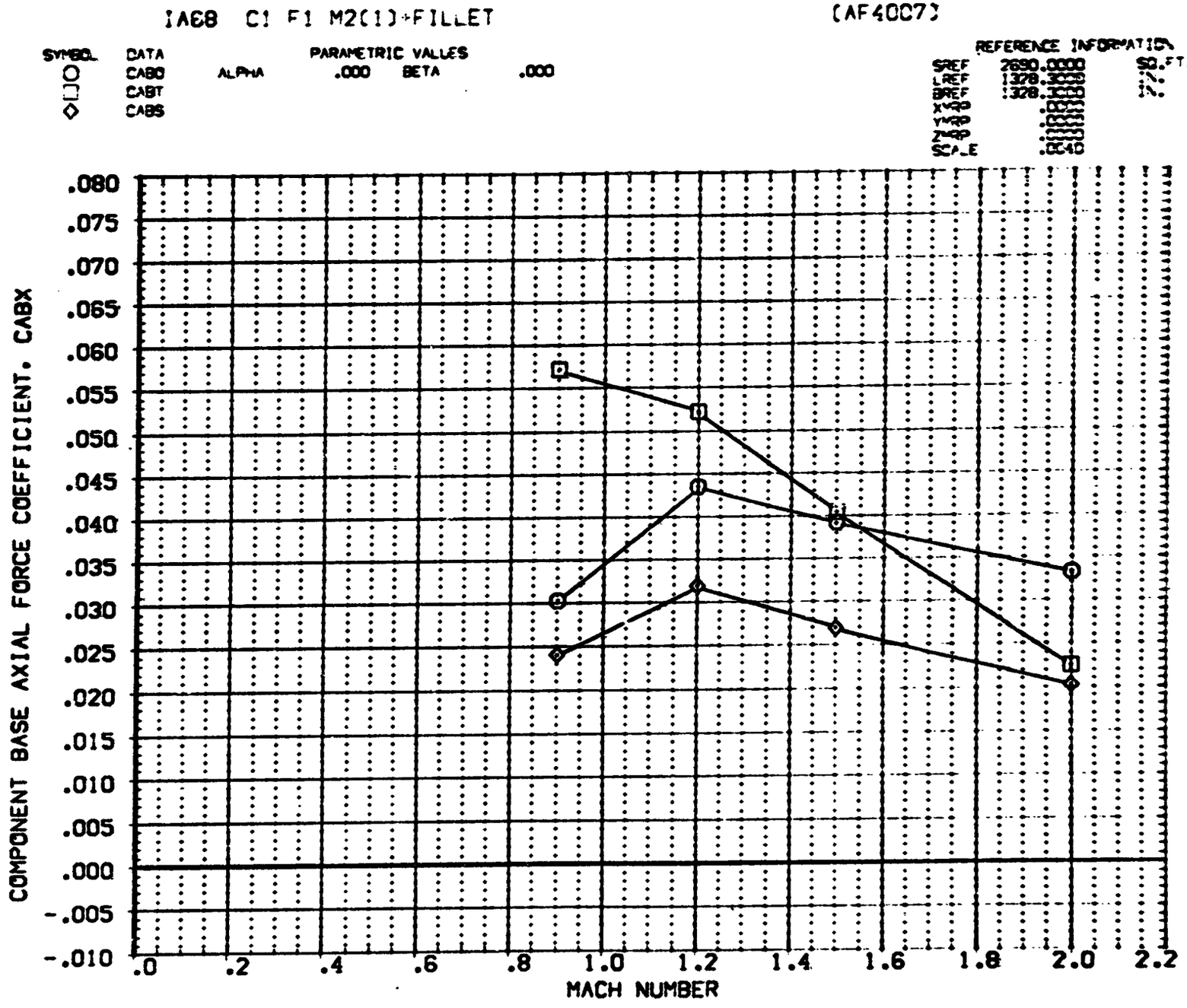

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

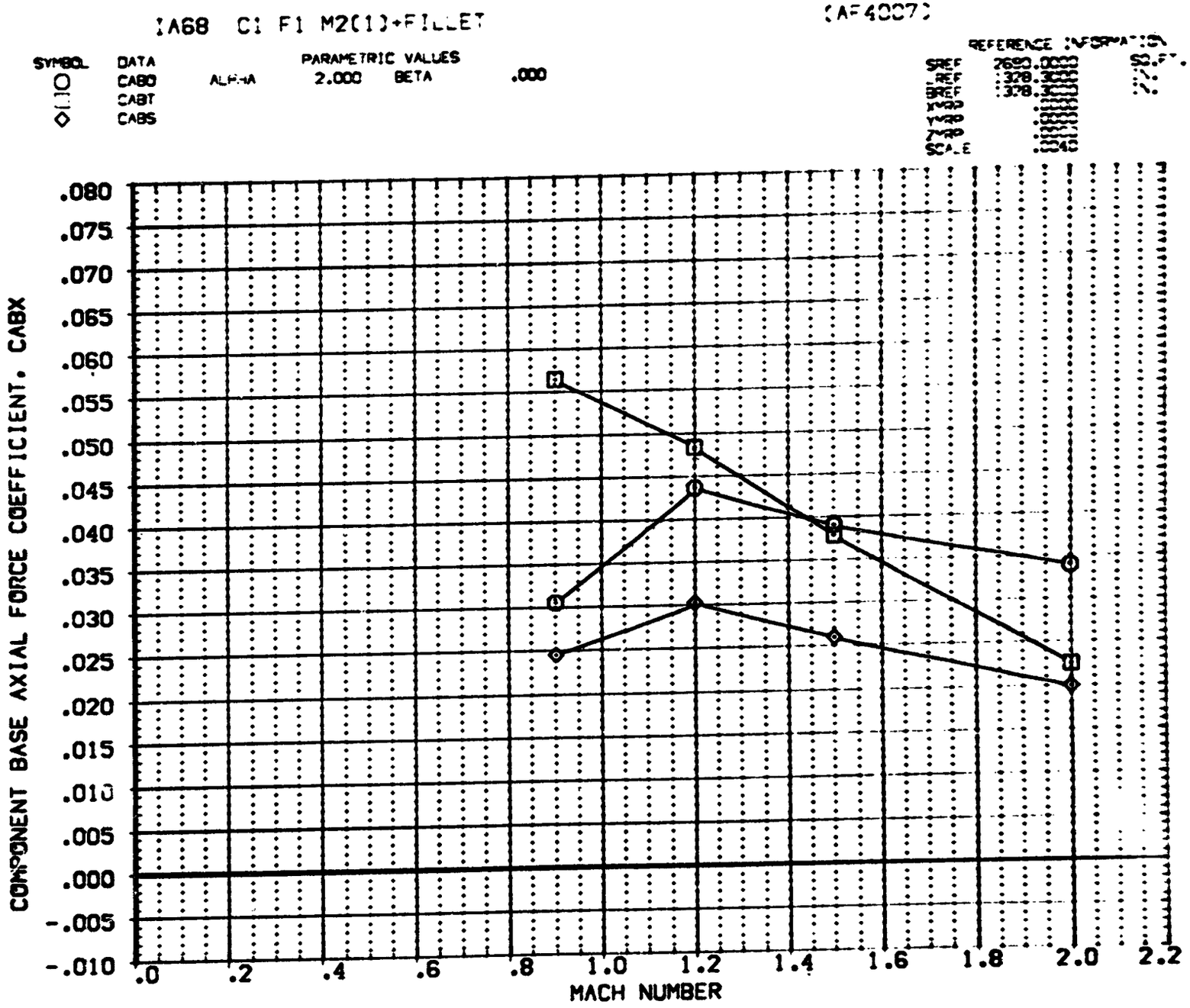

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

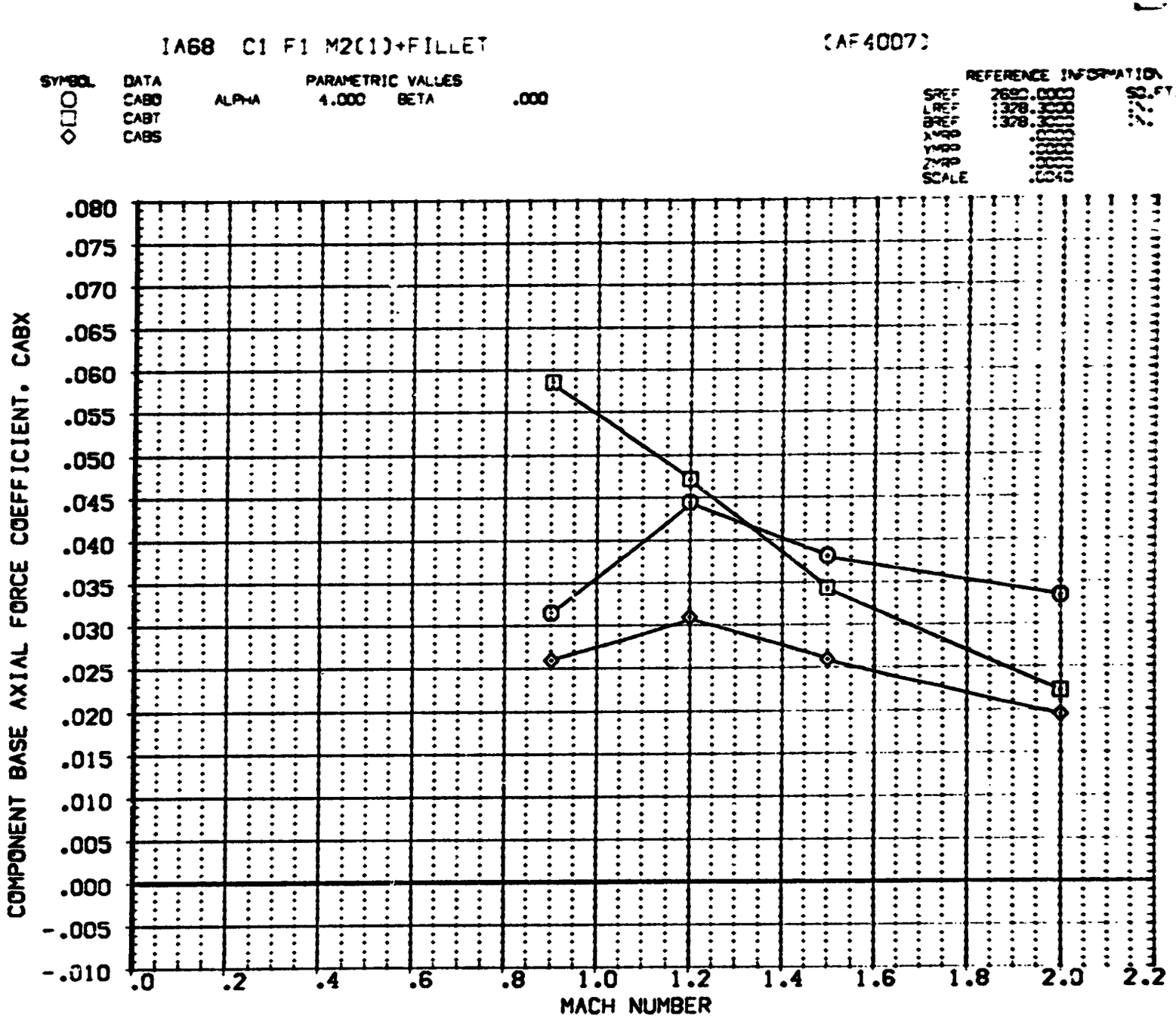

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

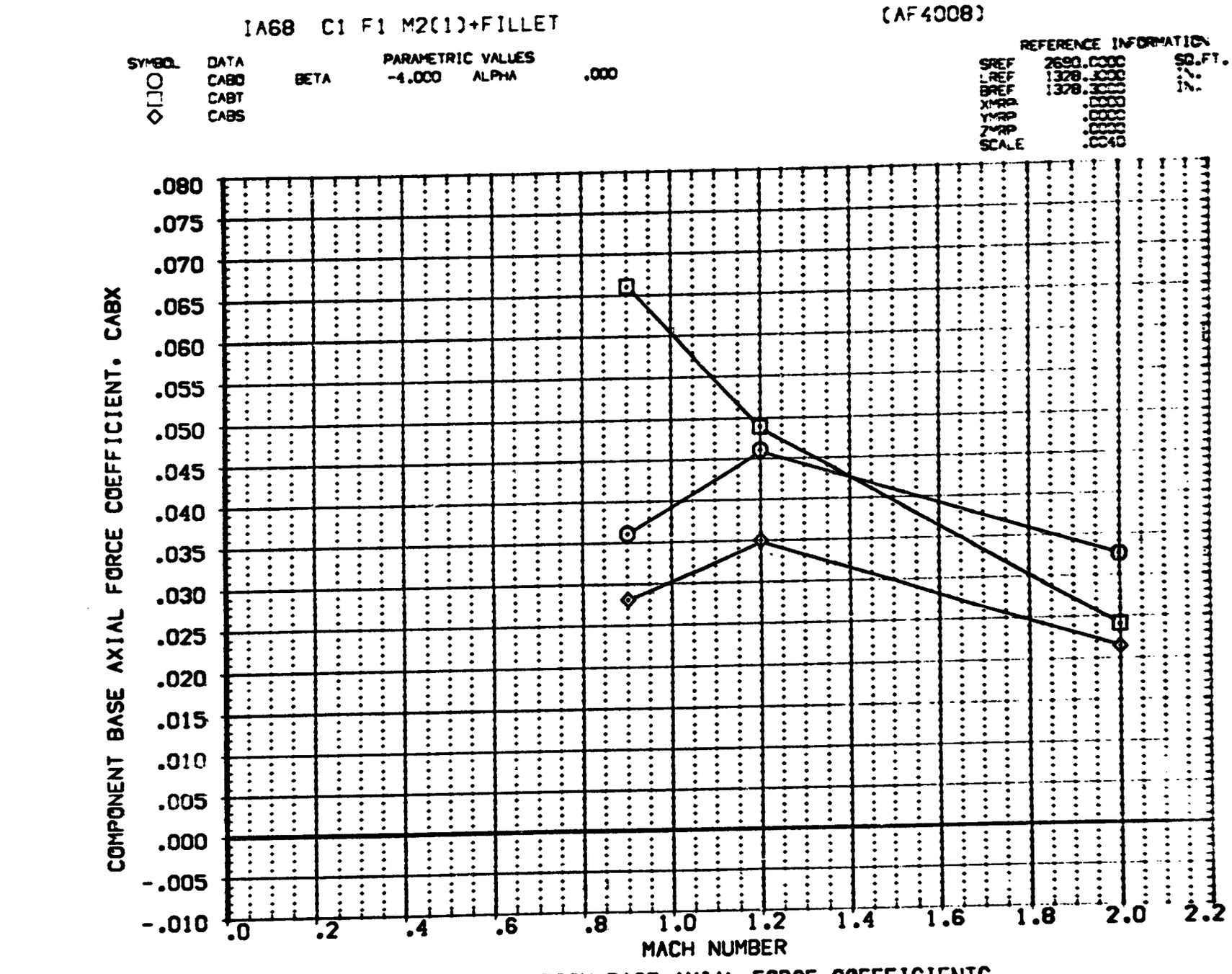

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

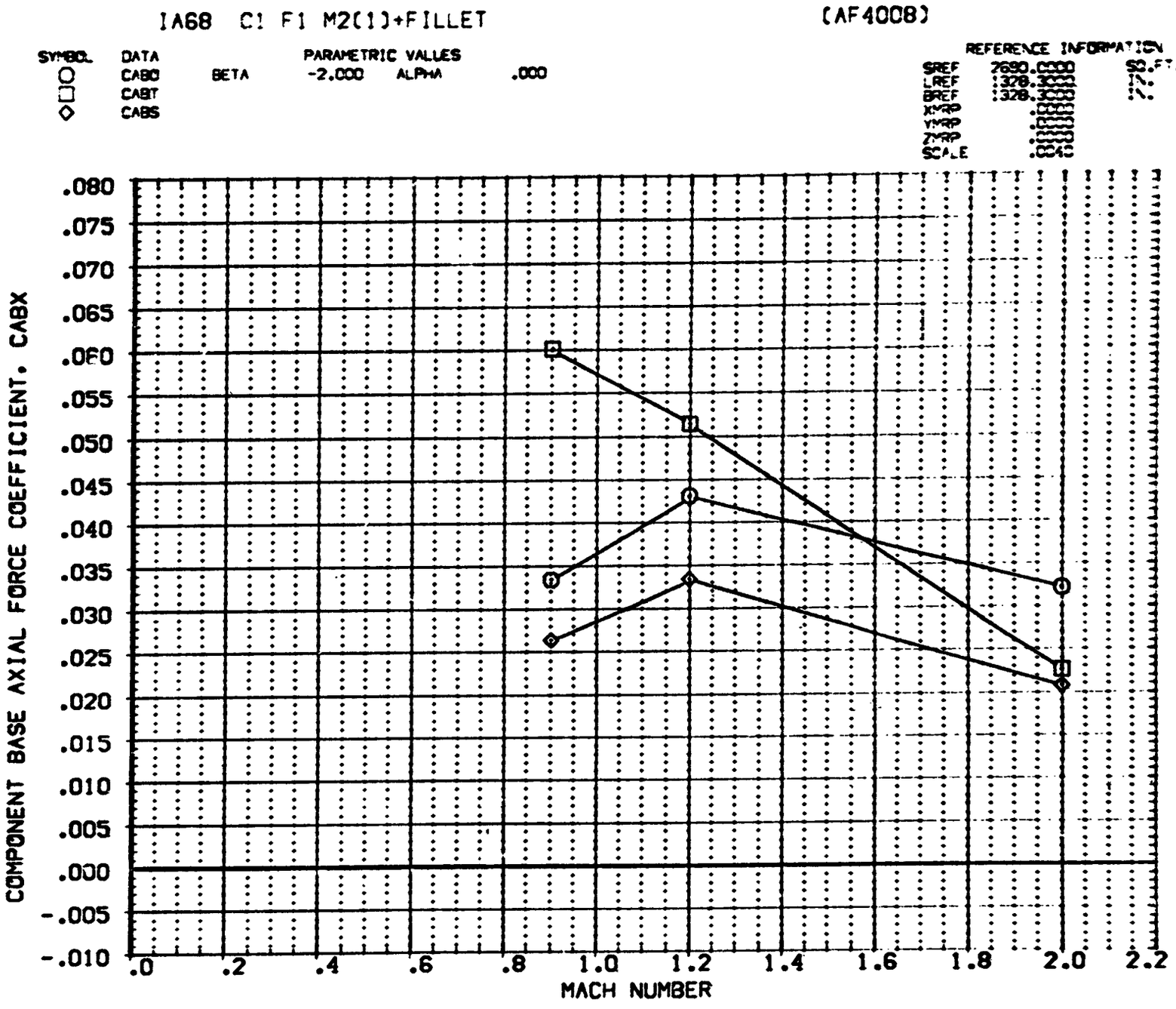

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

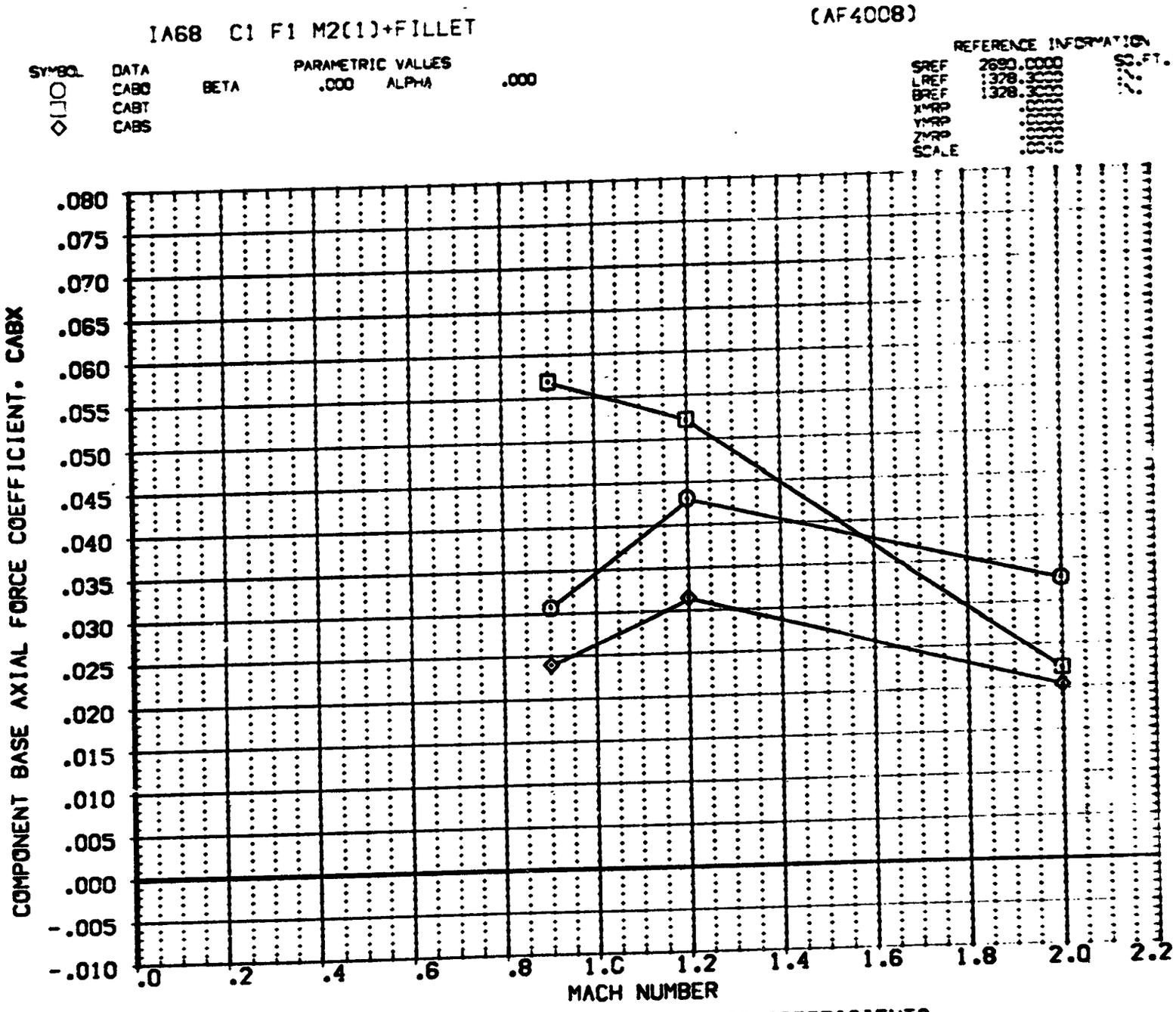

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

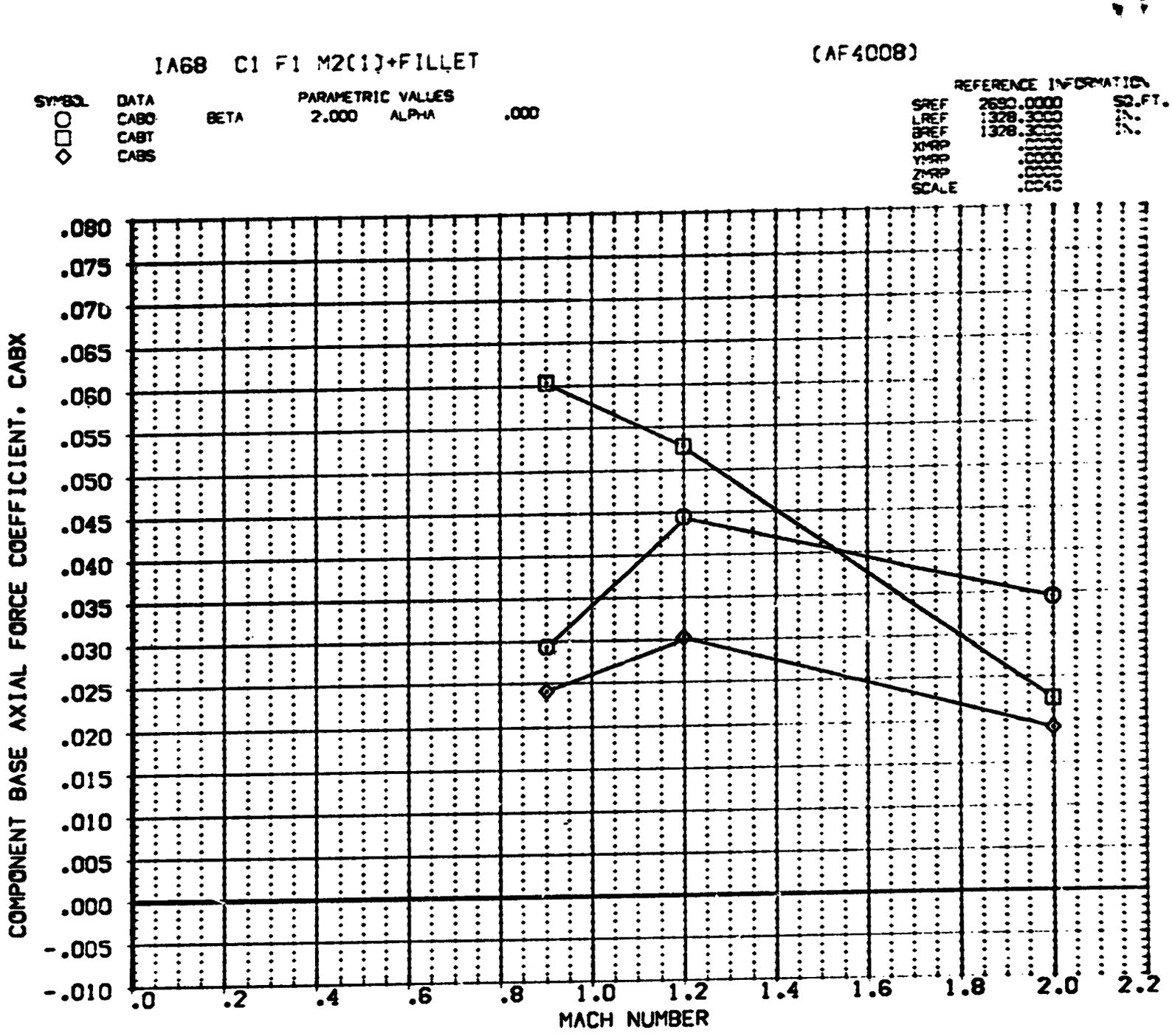

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

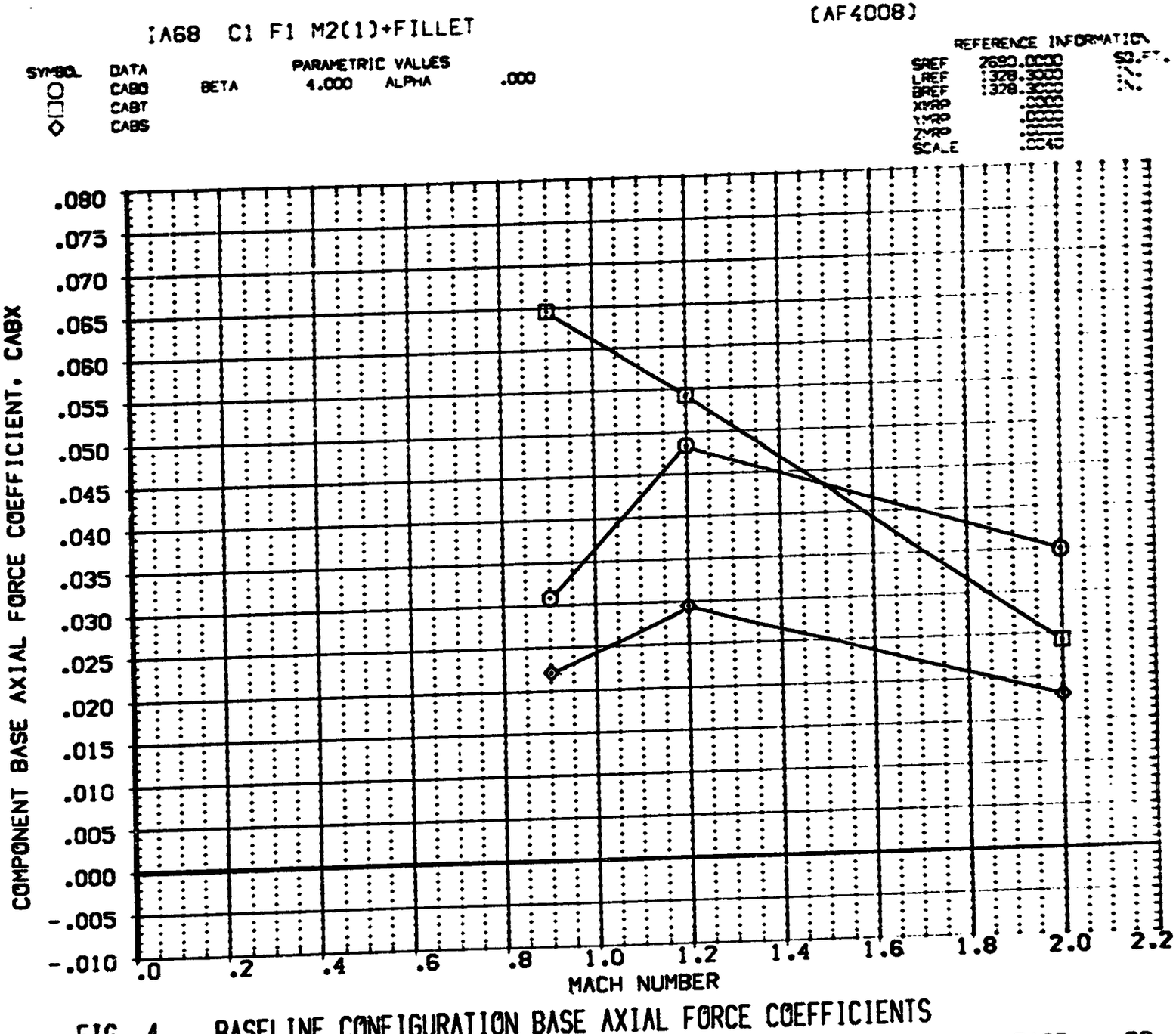

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

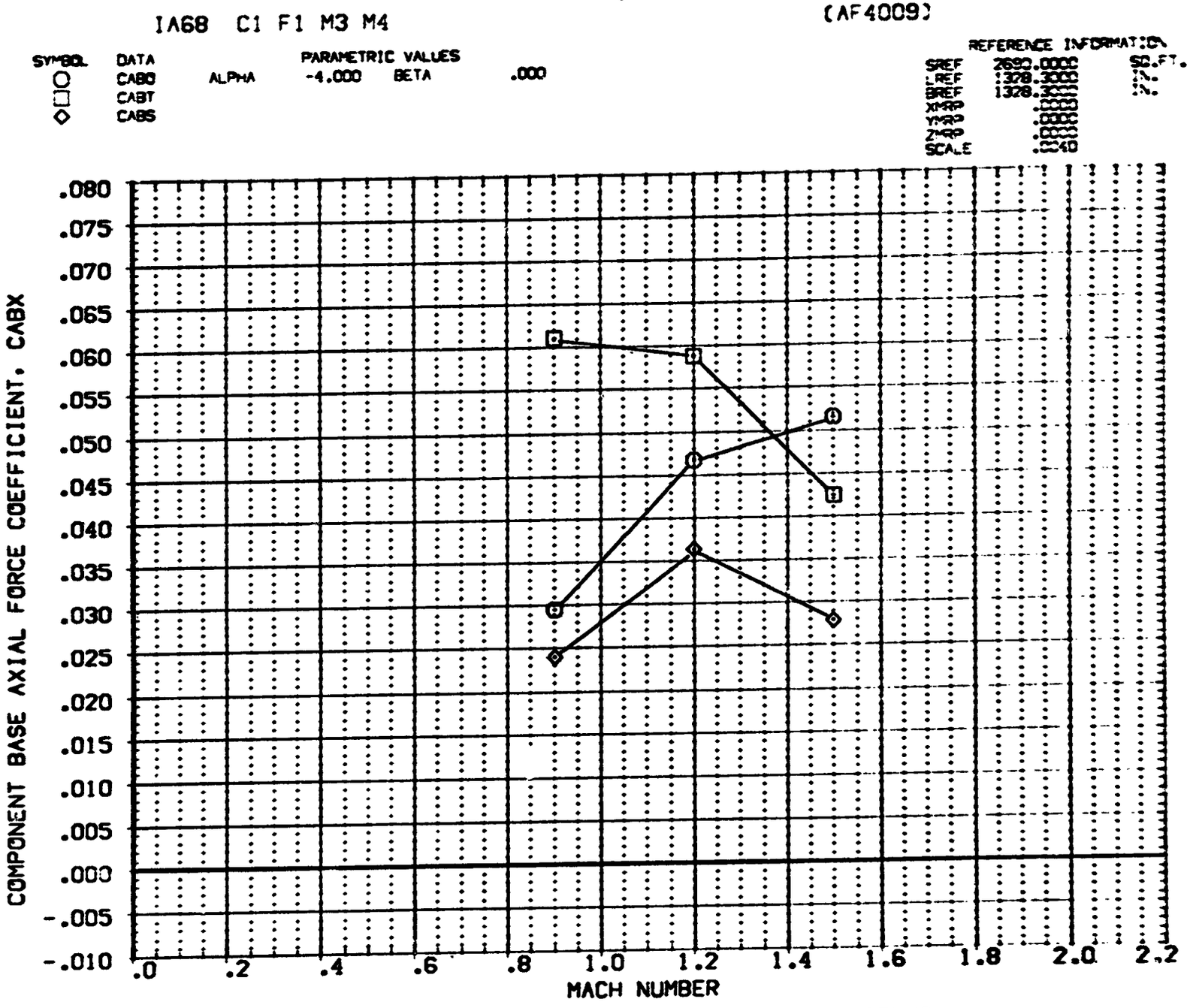

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

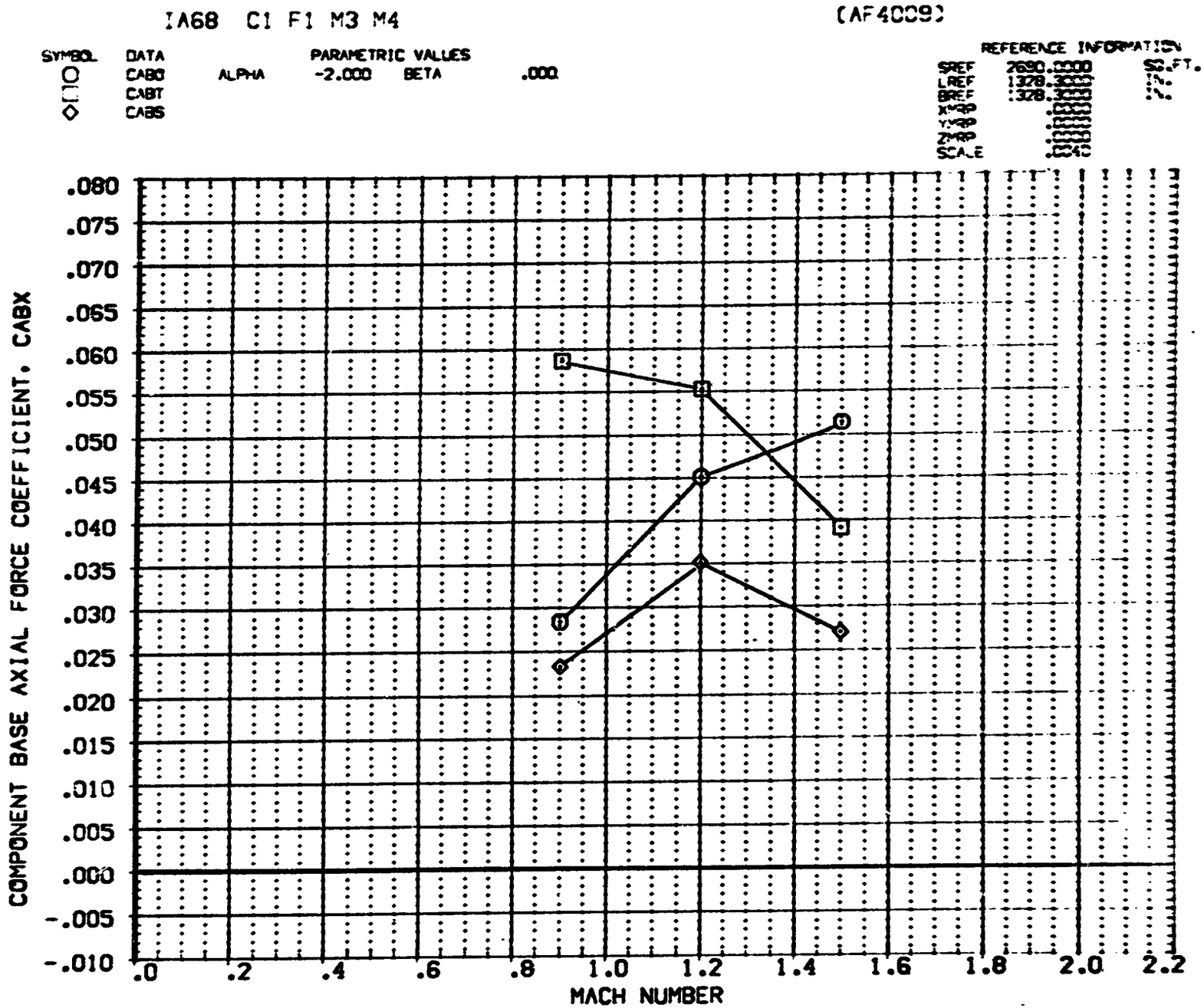

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

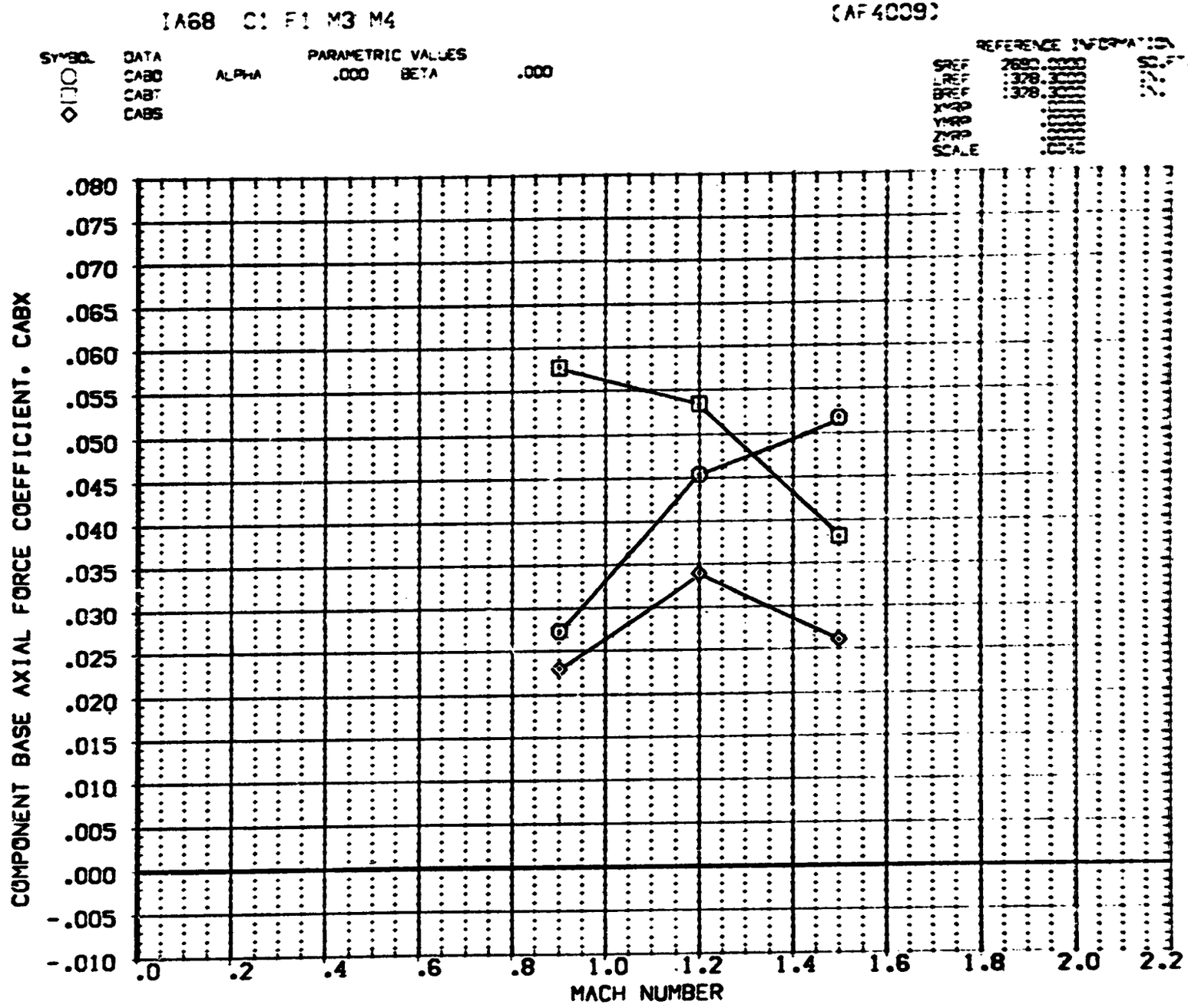

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

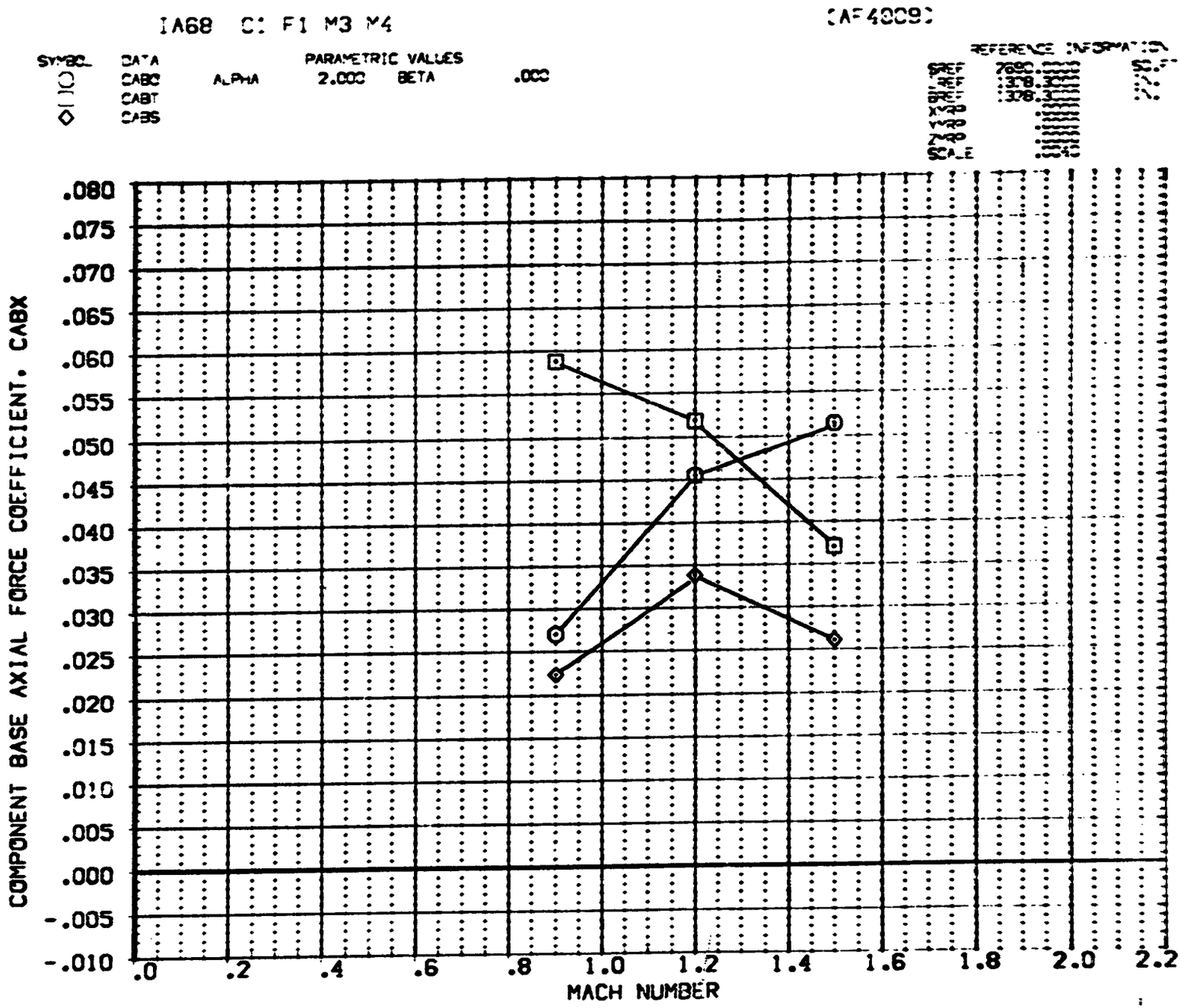

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

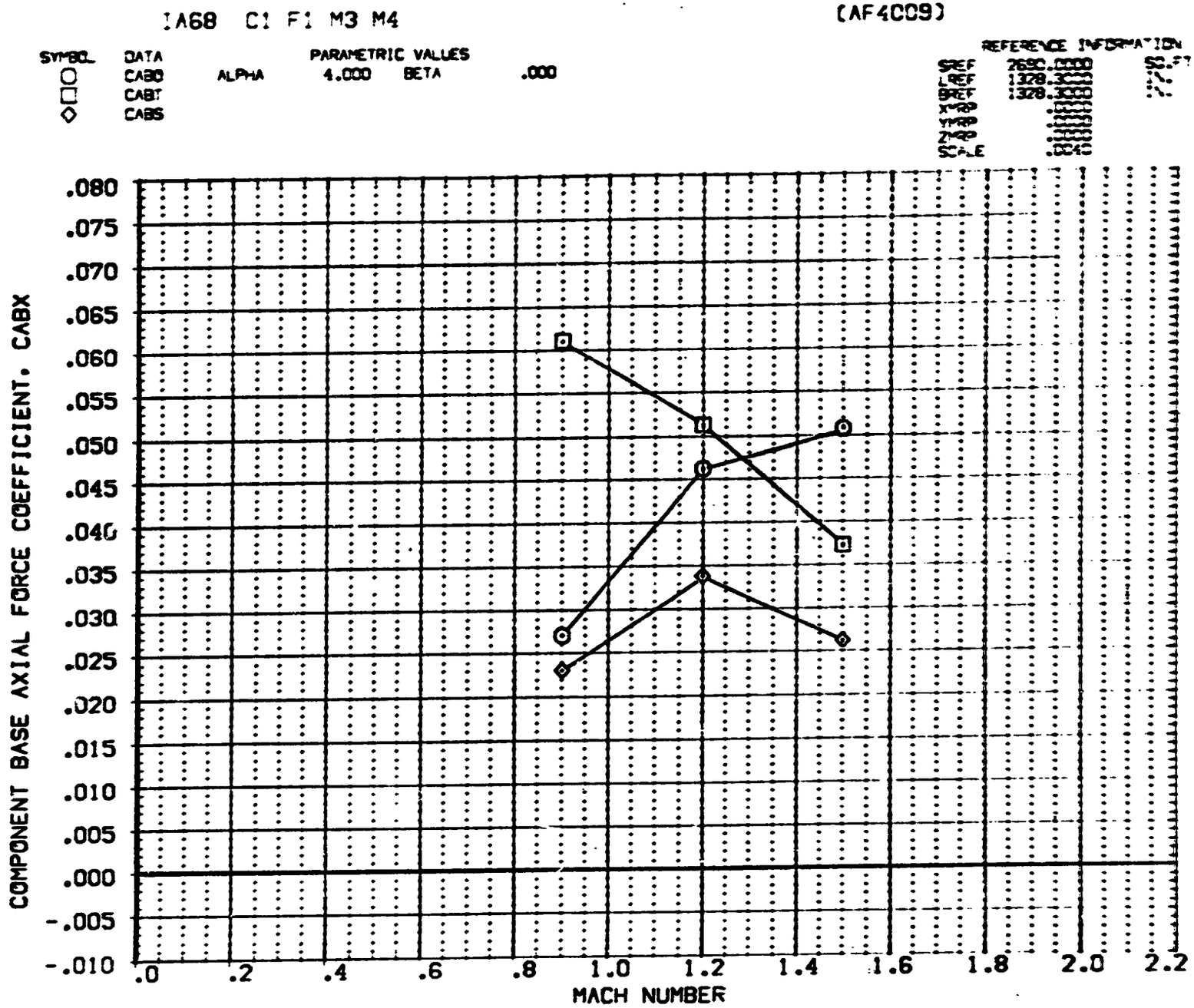

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

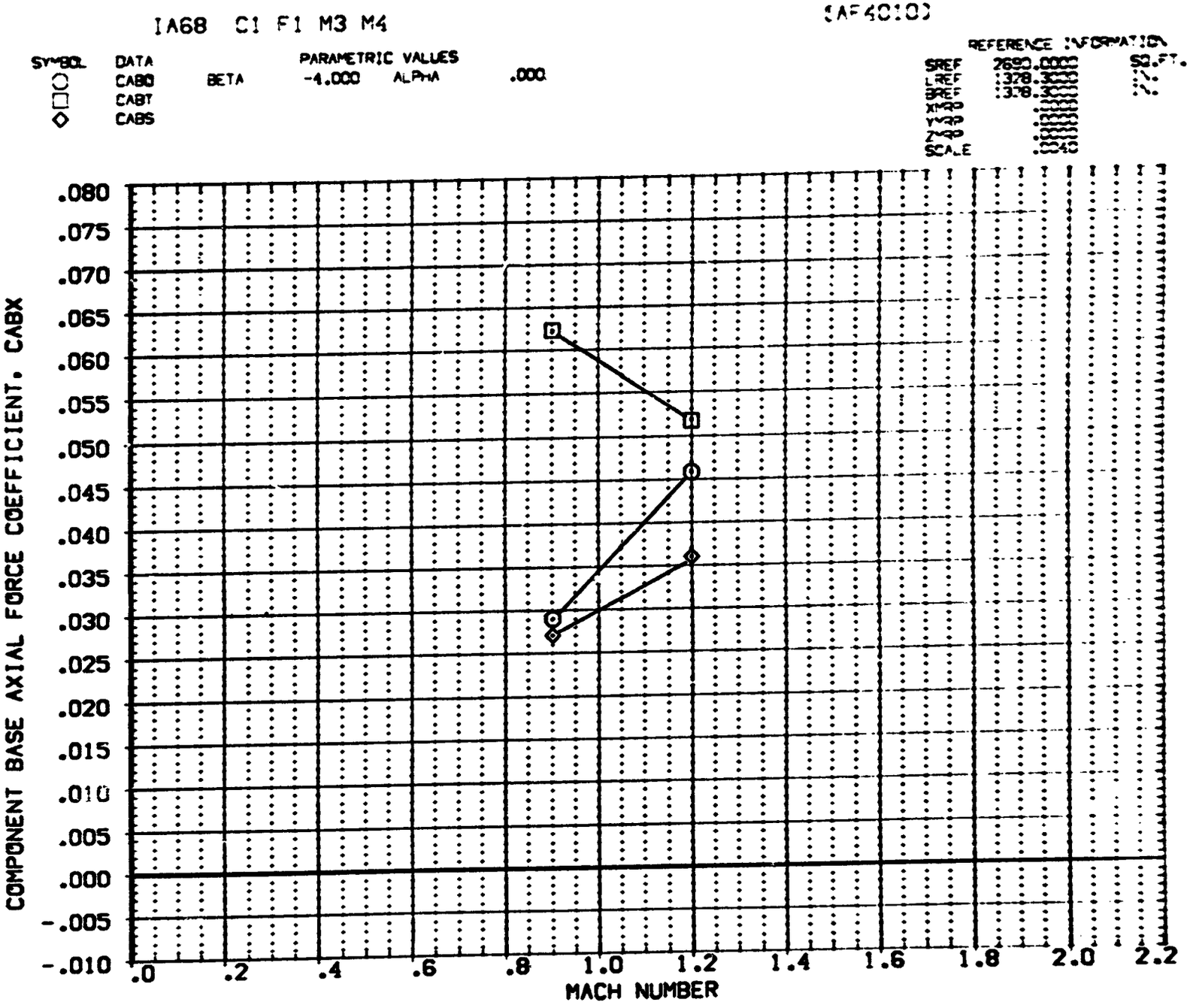

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

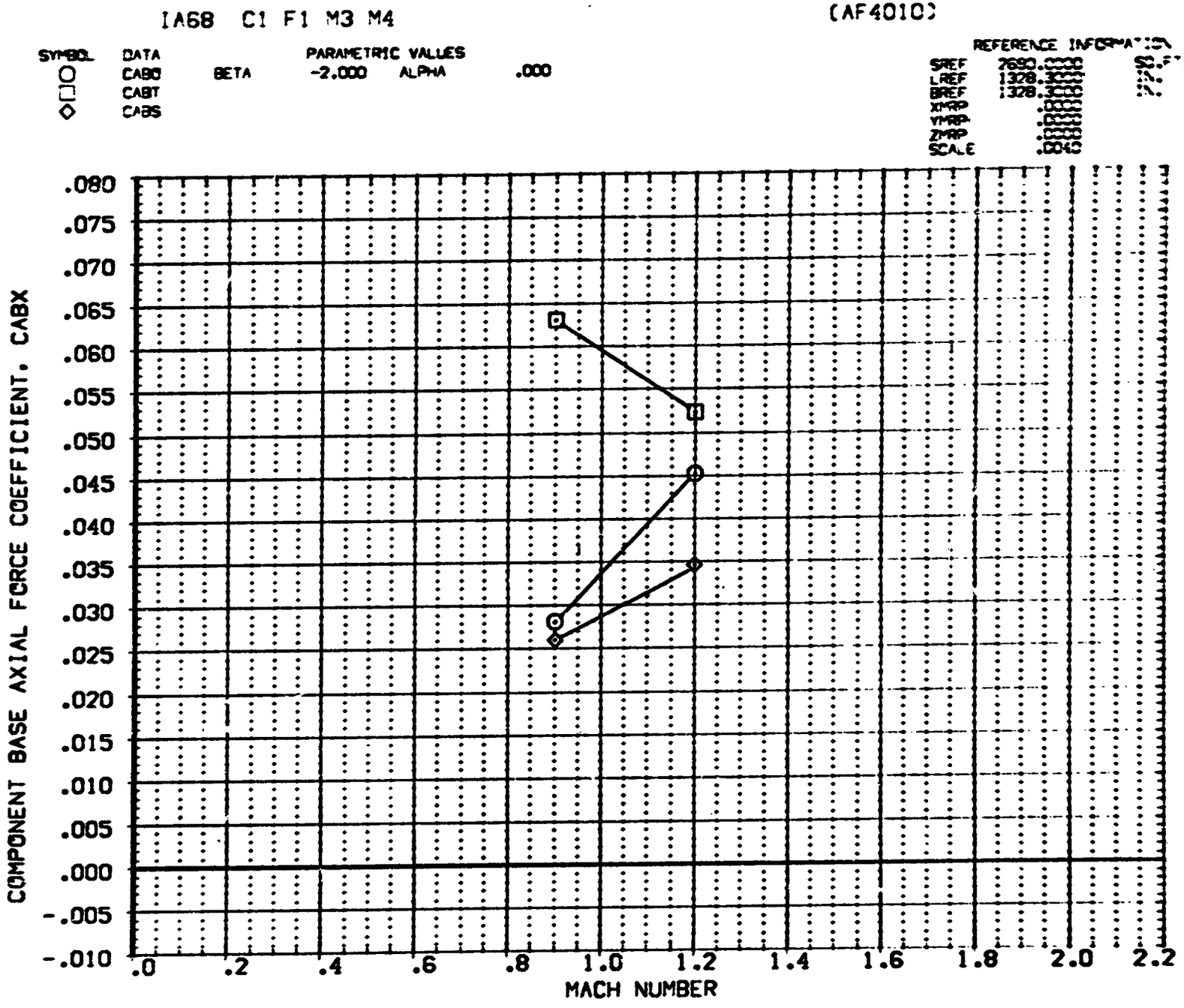

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

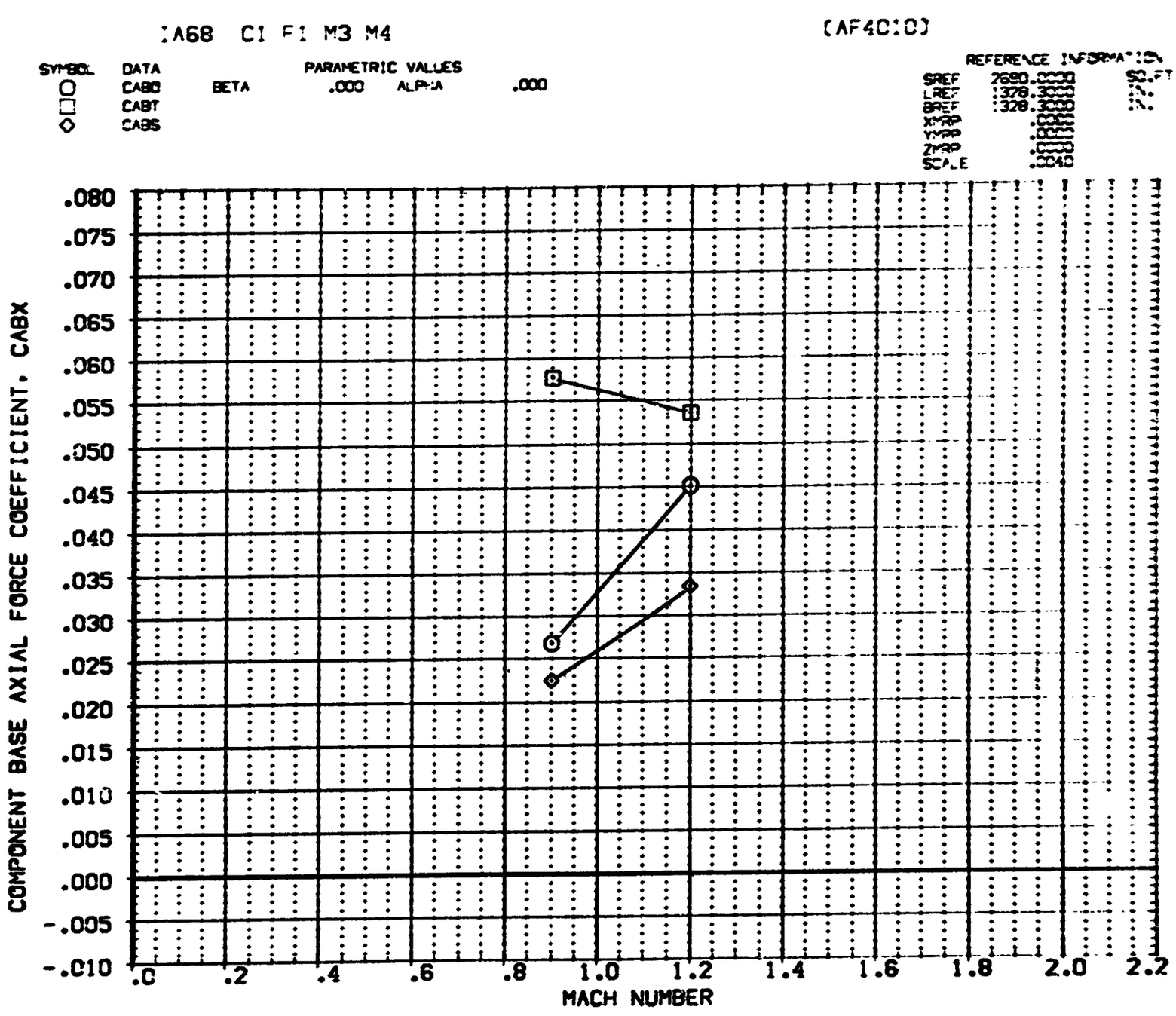

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

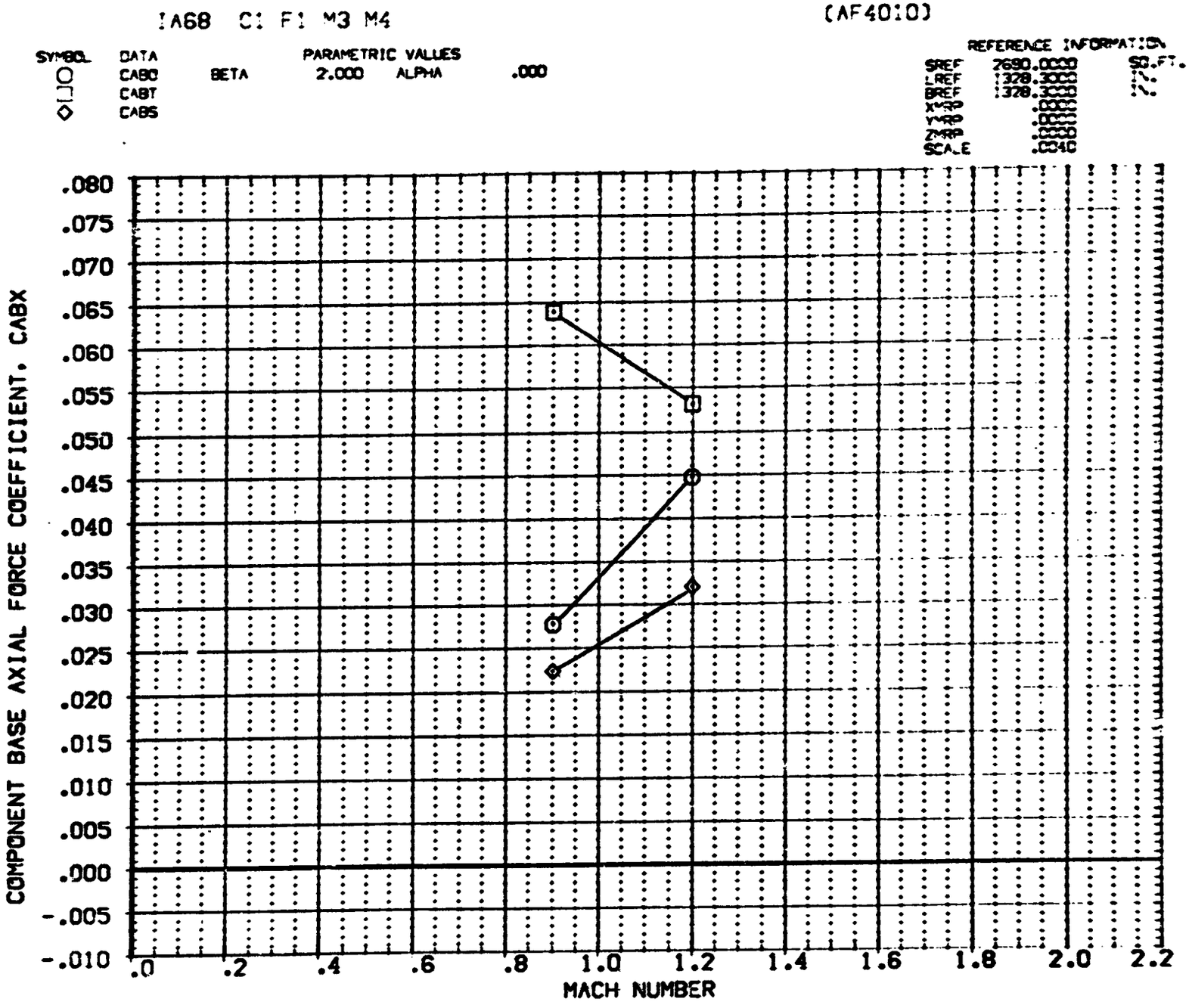

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

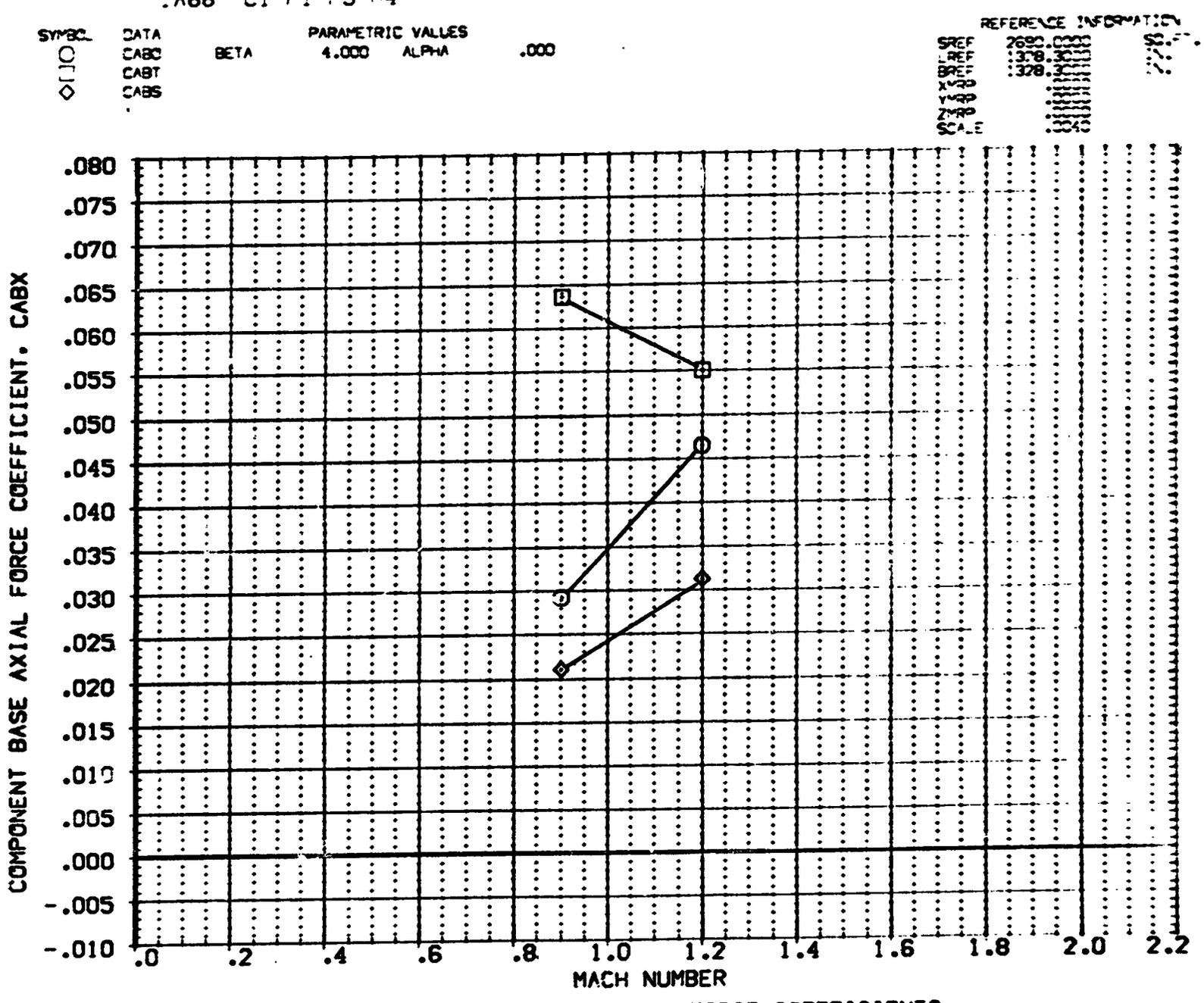

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

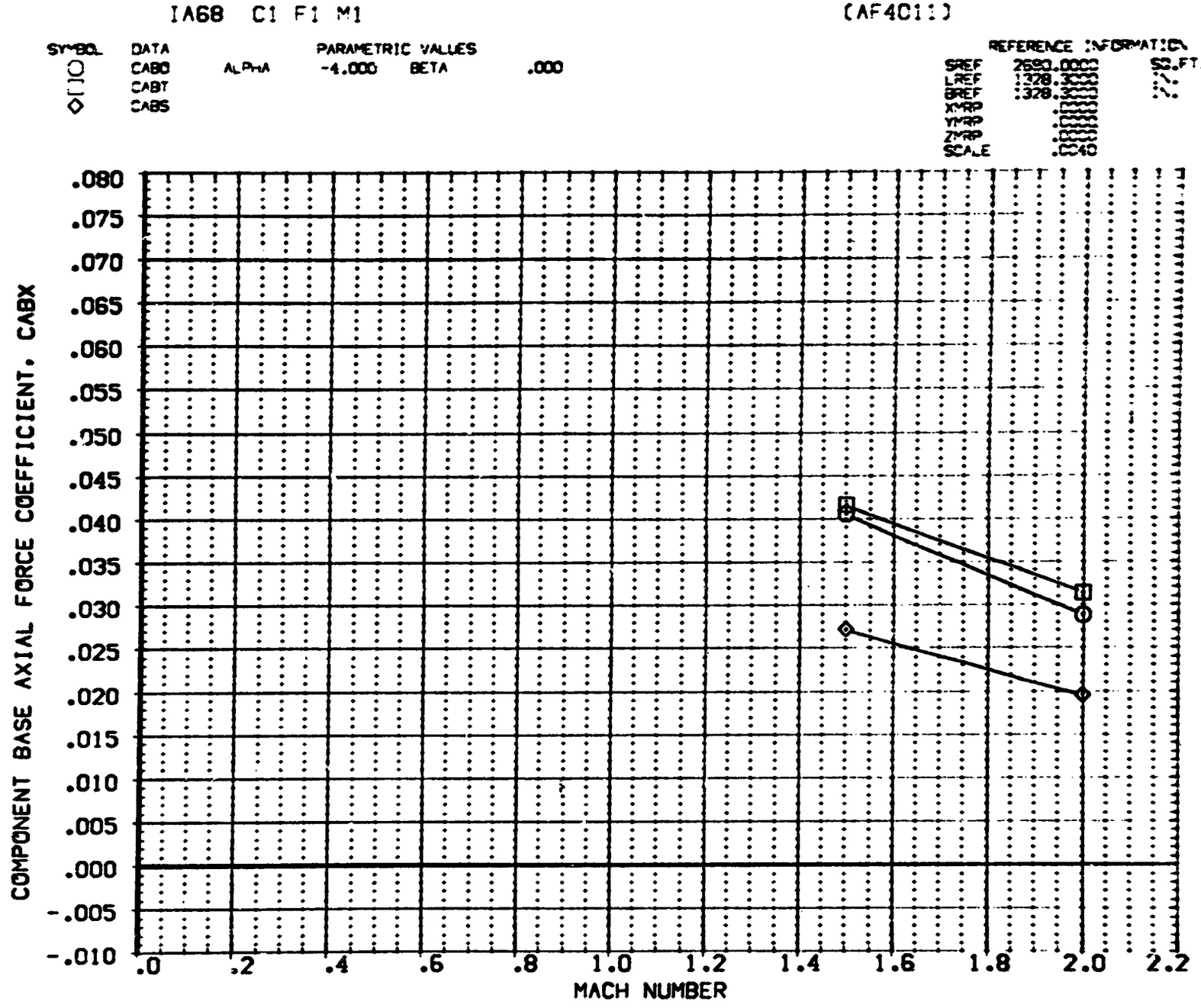

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

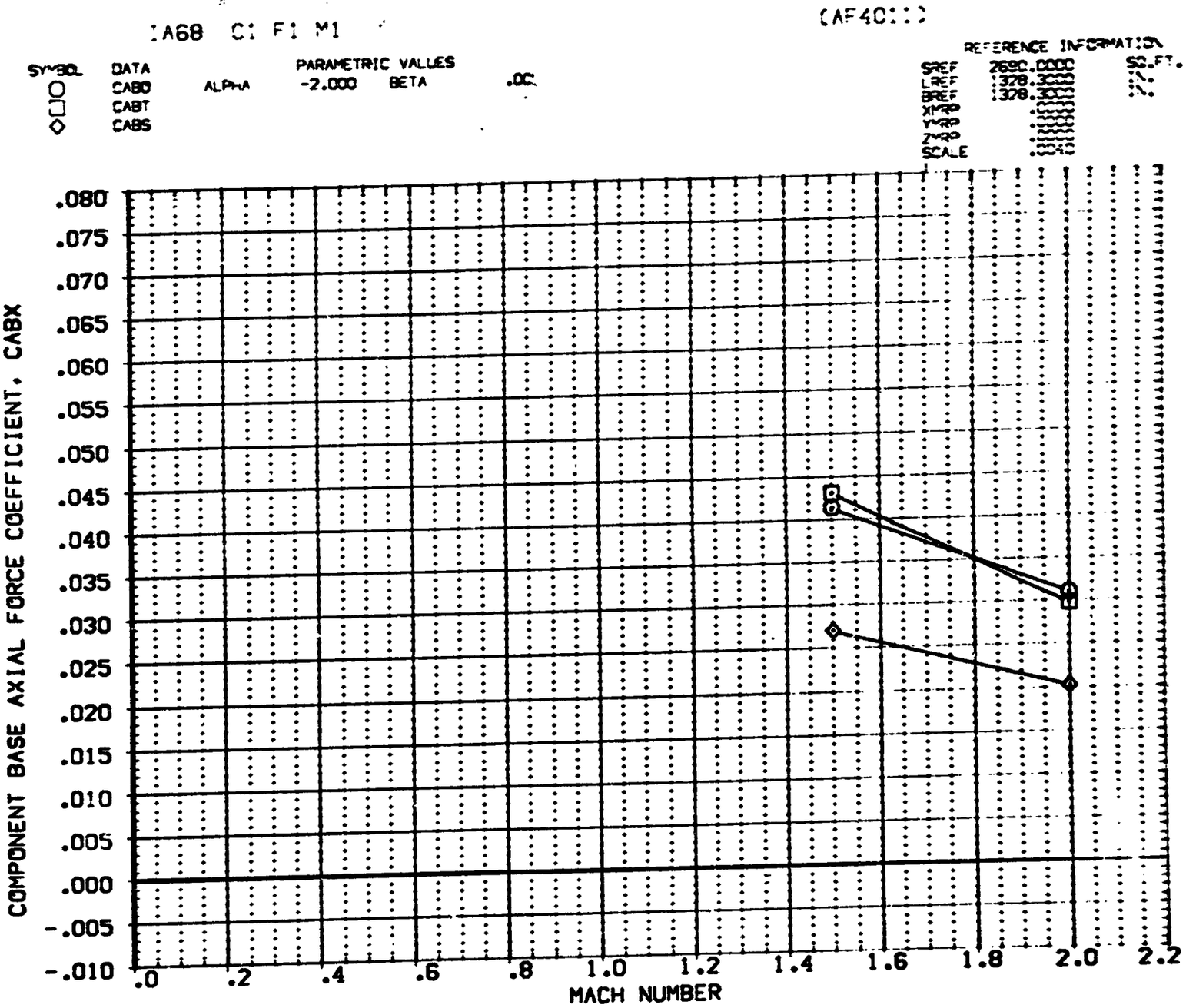

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

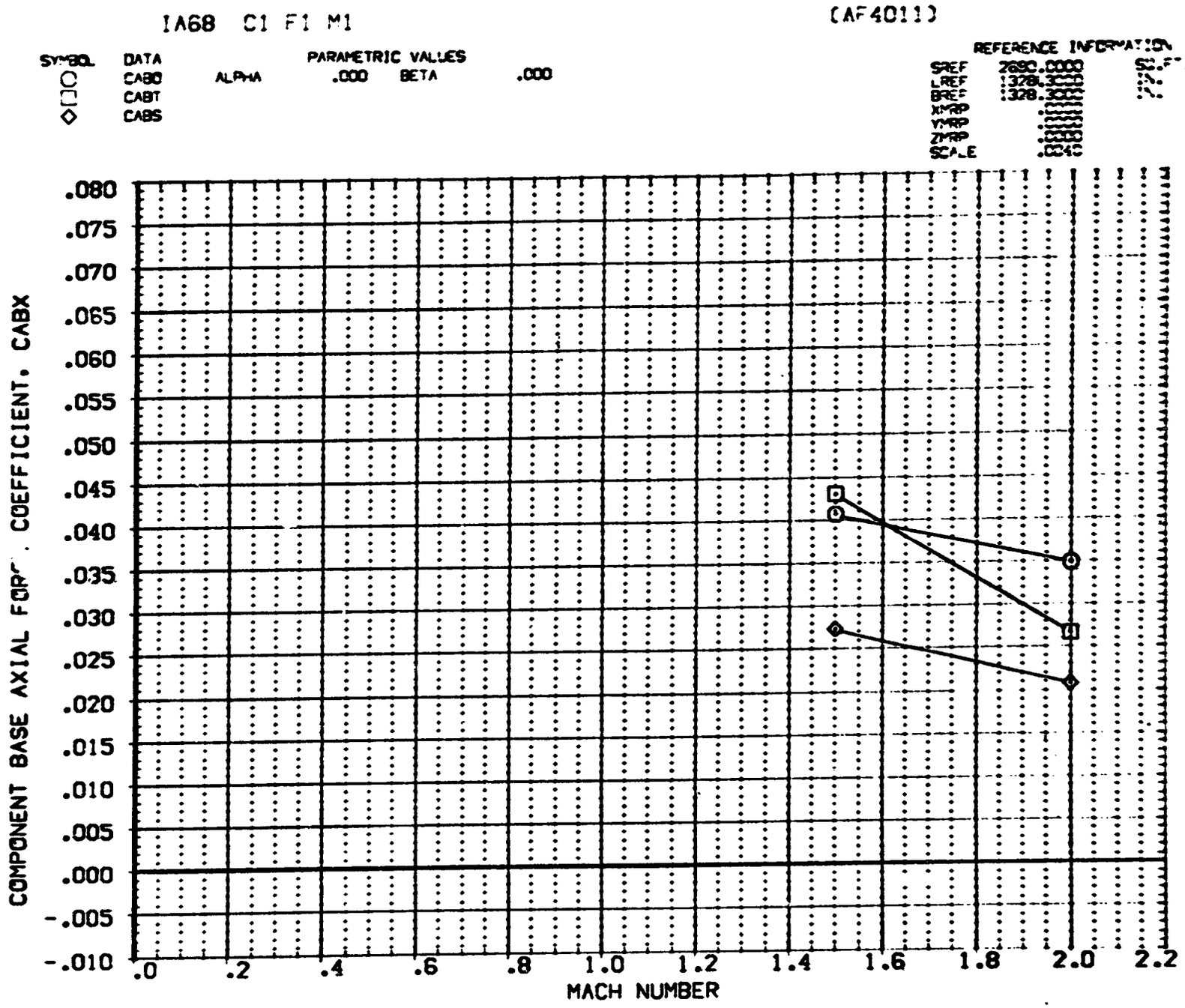

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

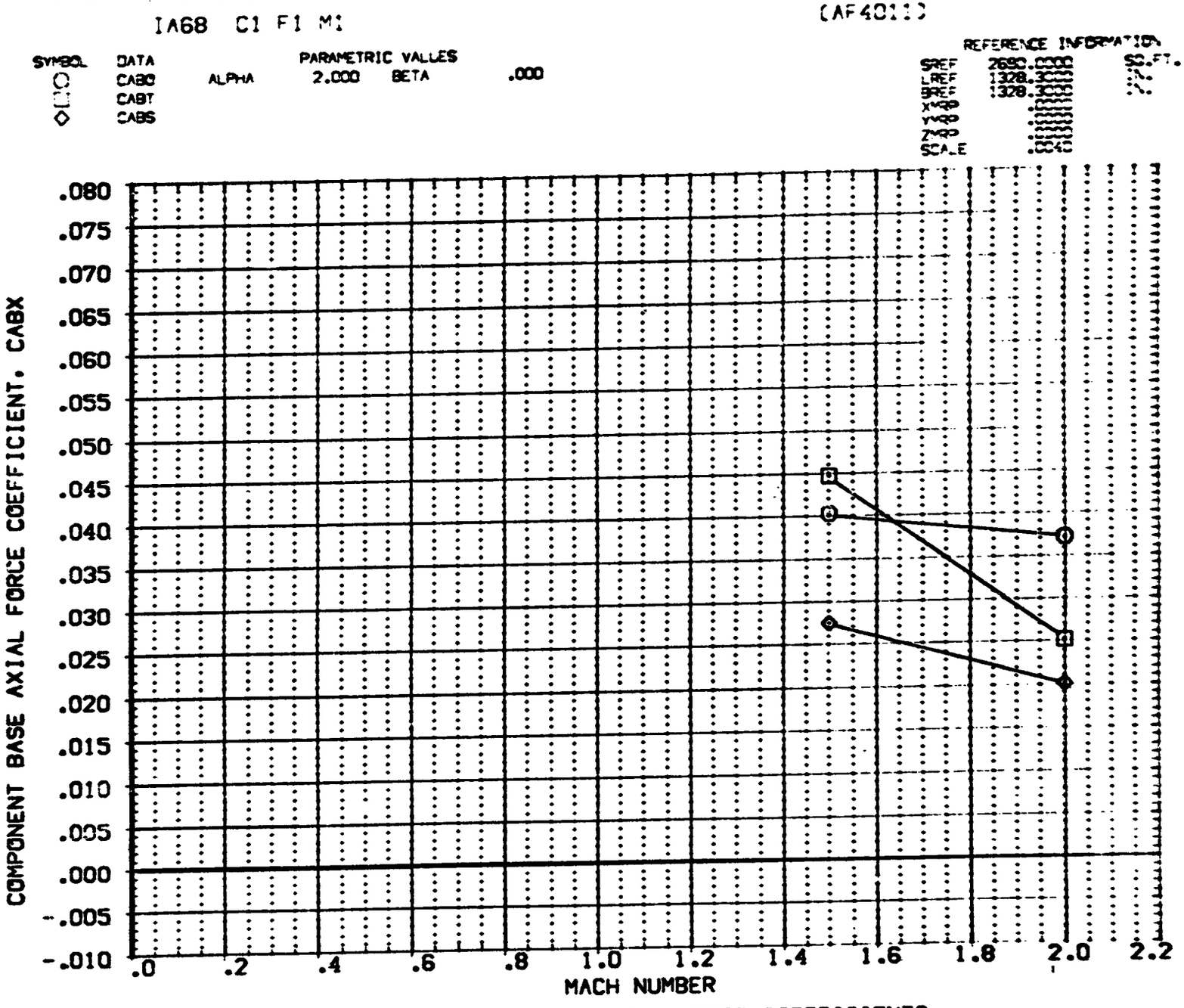

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

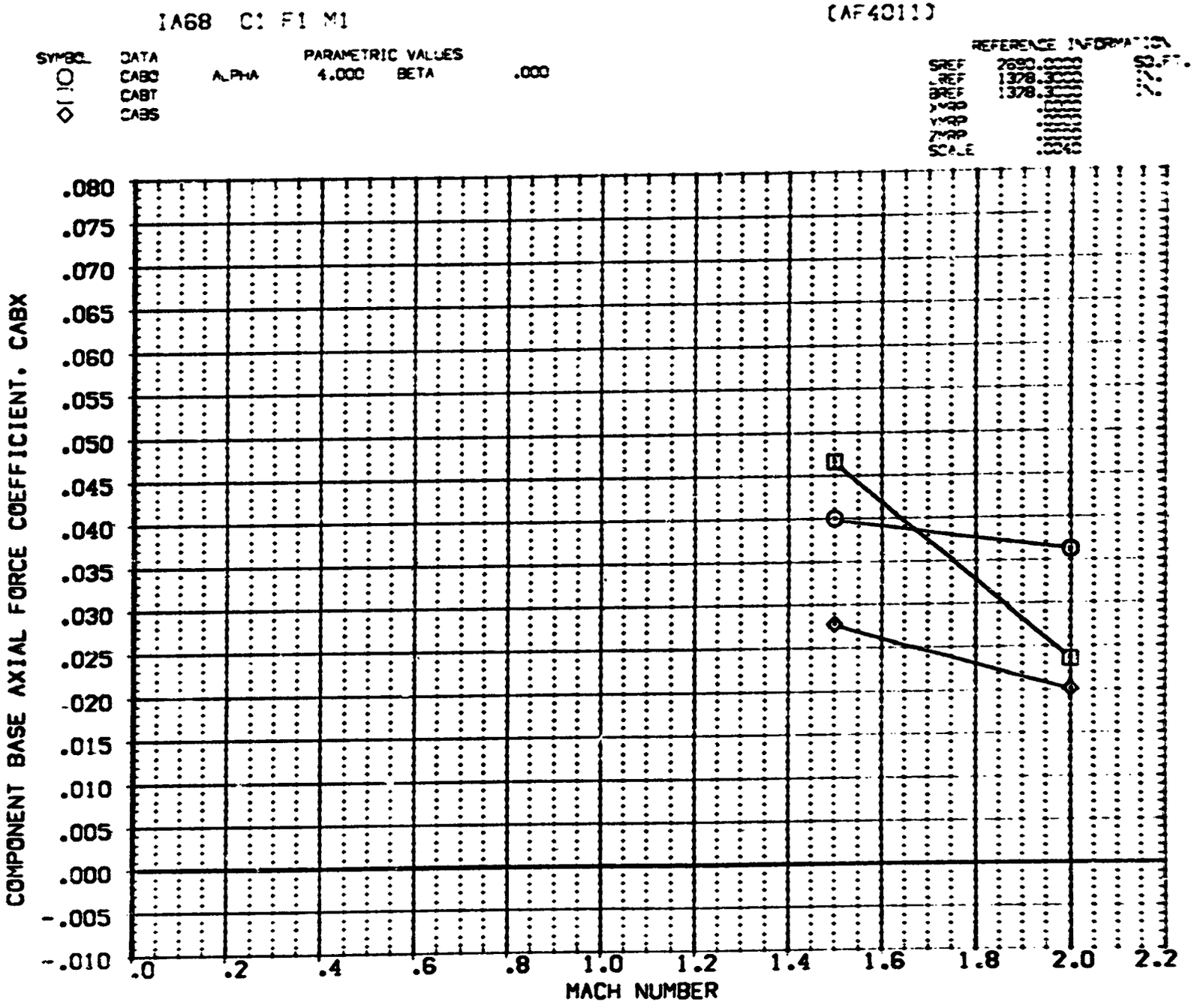

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

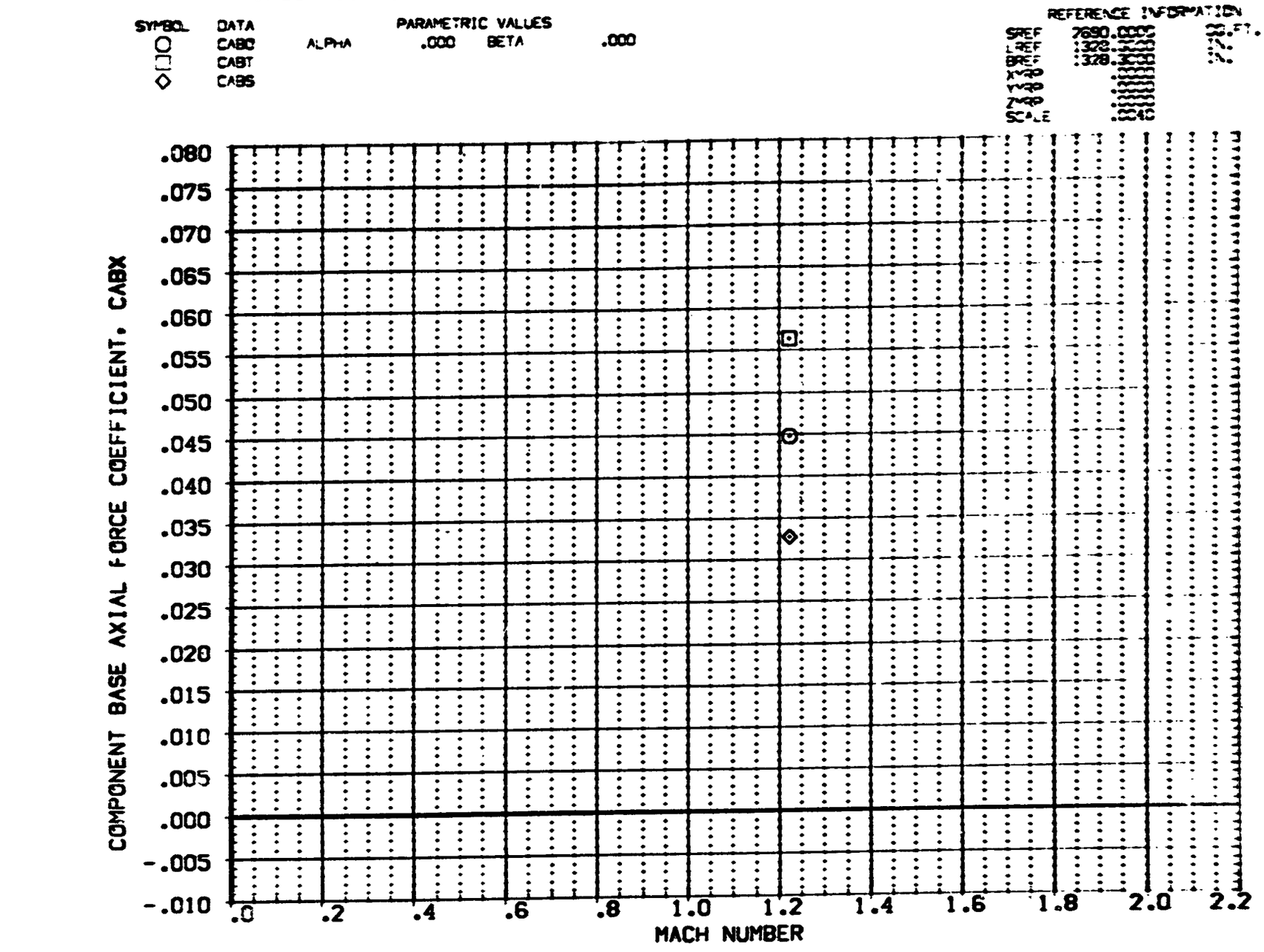

FIG 4 BASELINE CONFIGURATION BASE AXIAL FORCE COEFFICIENTS

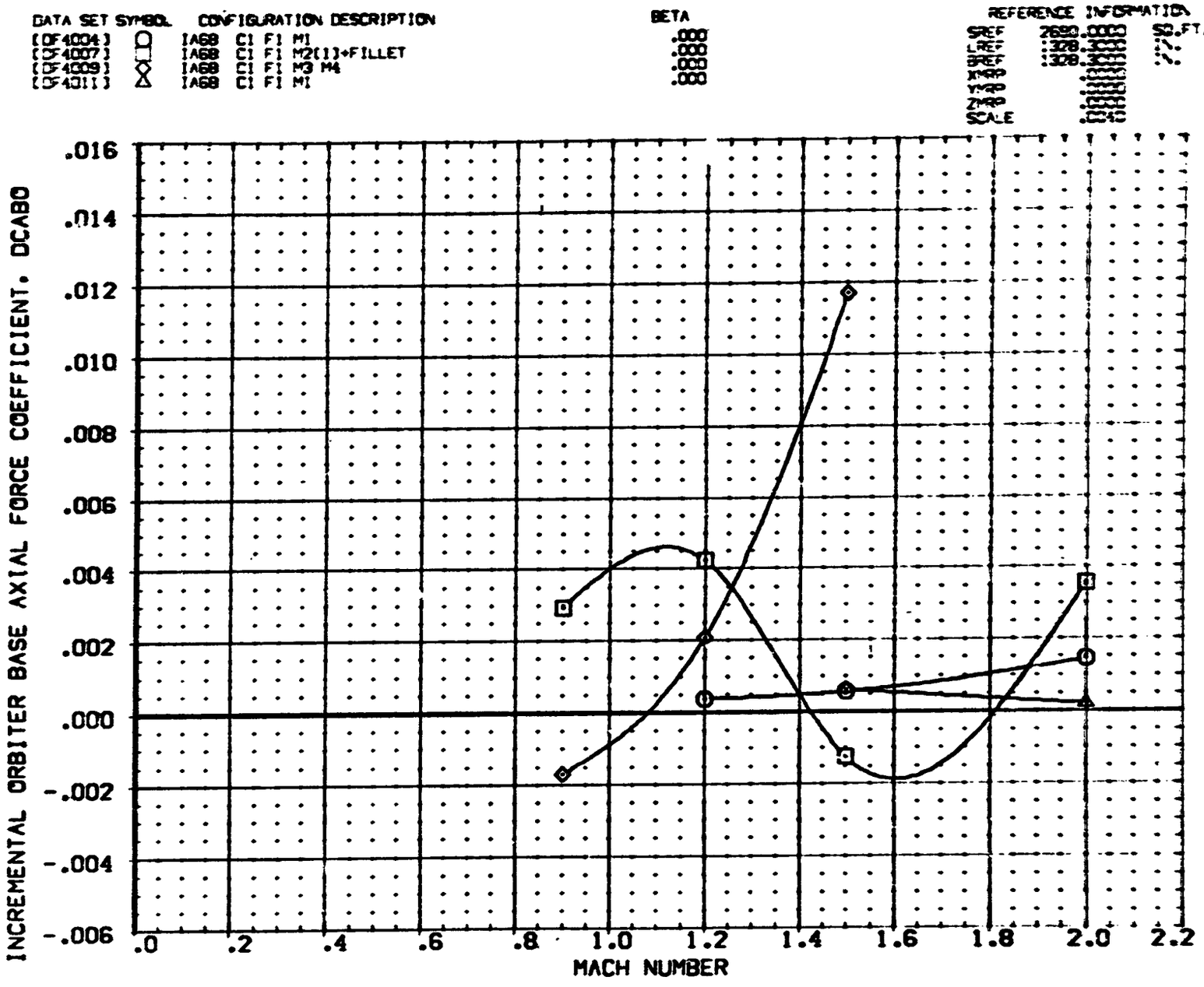

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

CASE ALPHA = -4.00

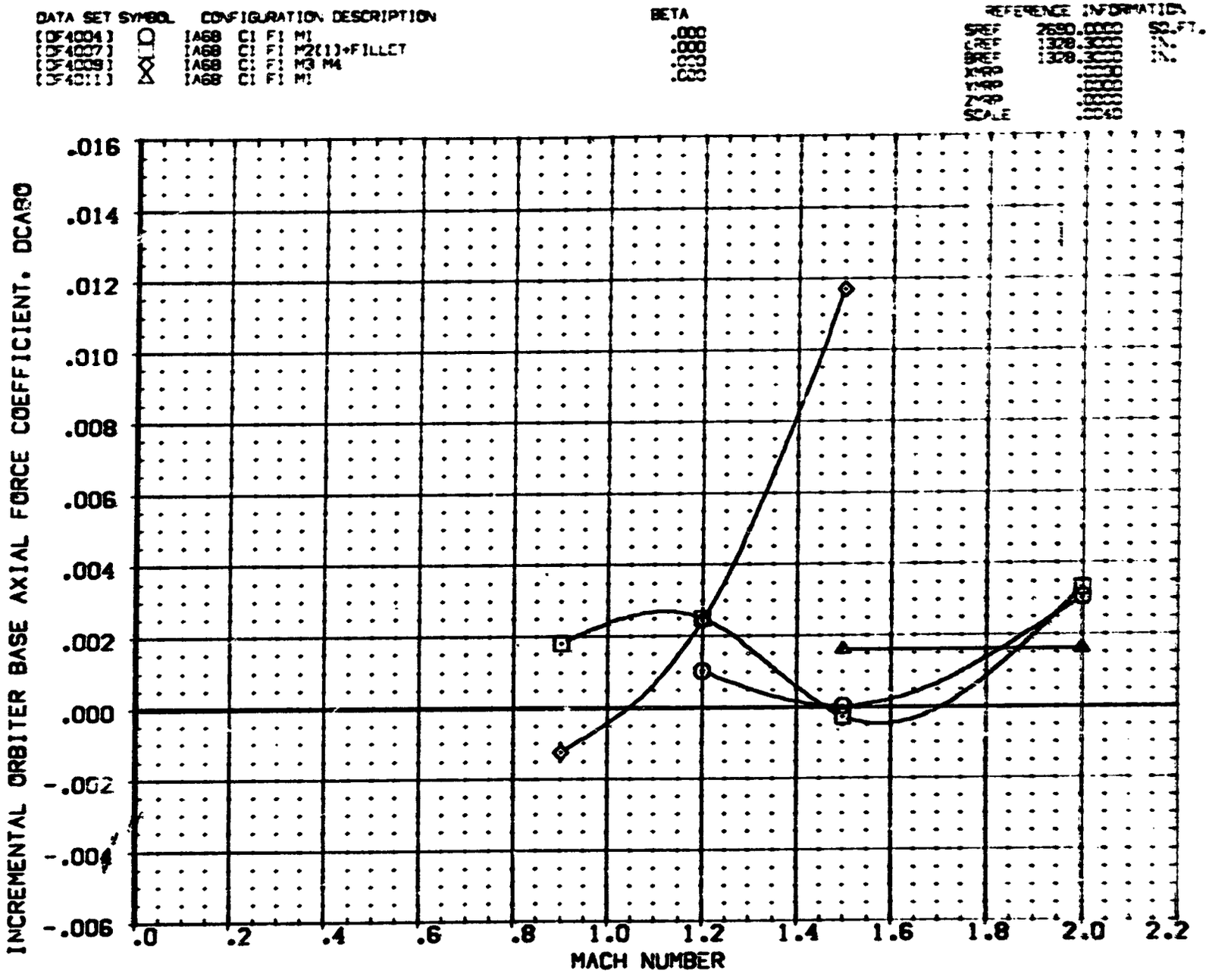

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(B)ALPHA = -2.00

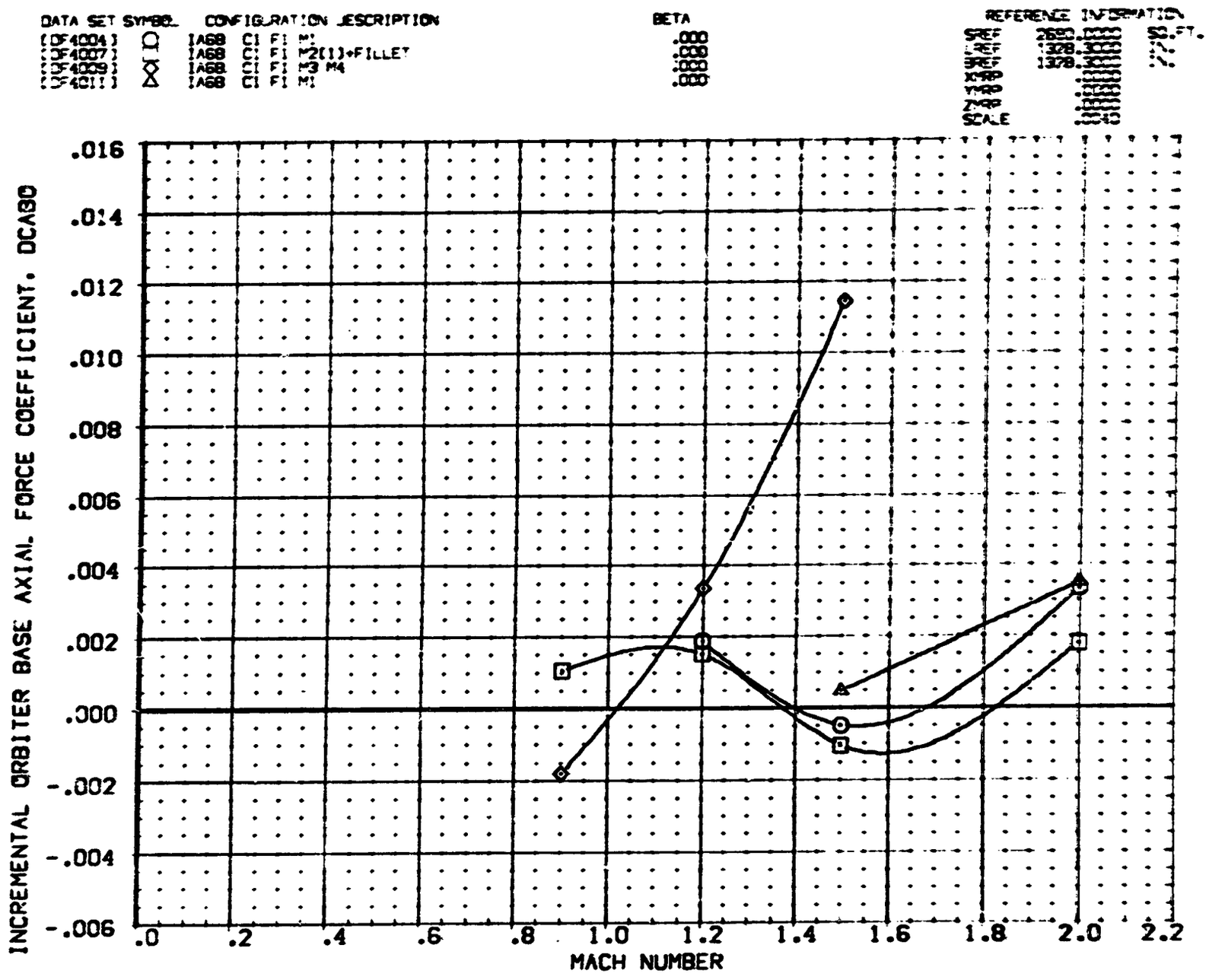

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(C)ALP-A = .00

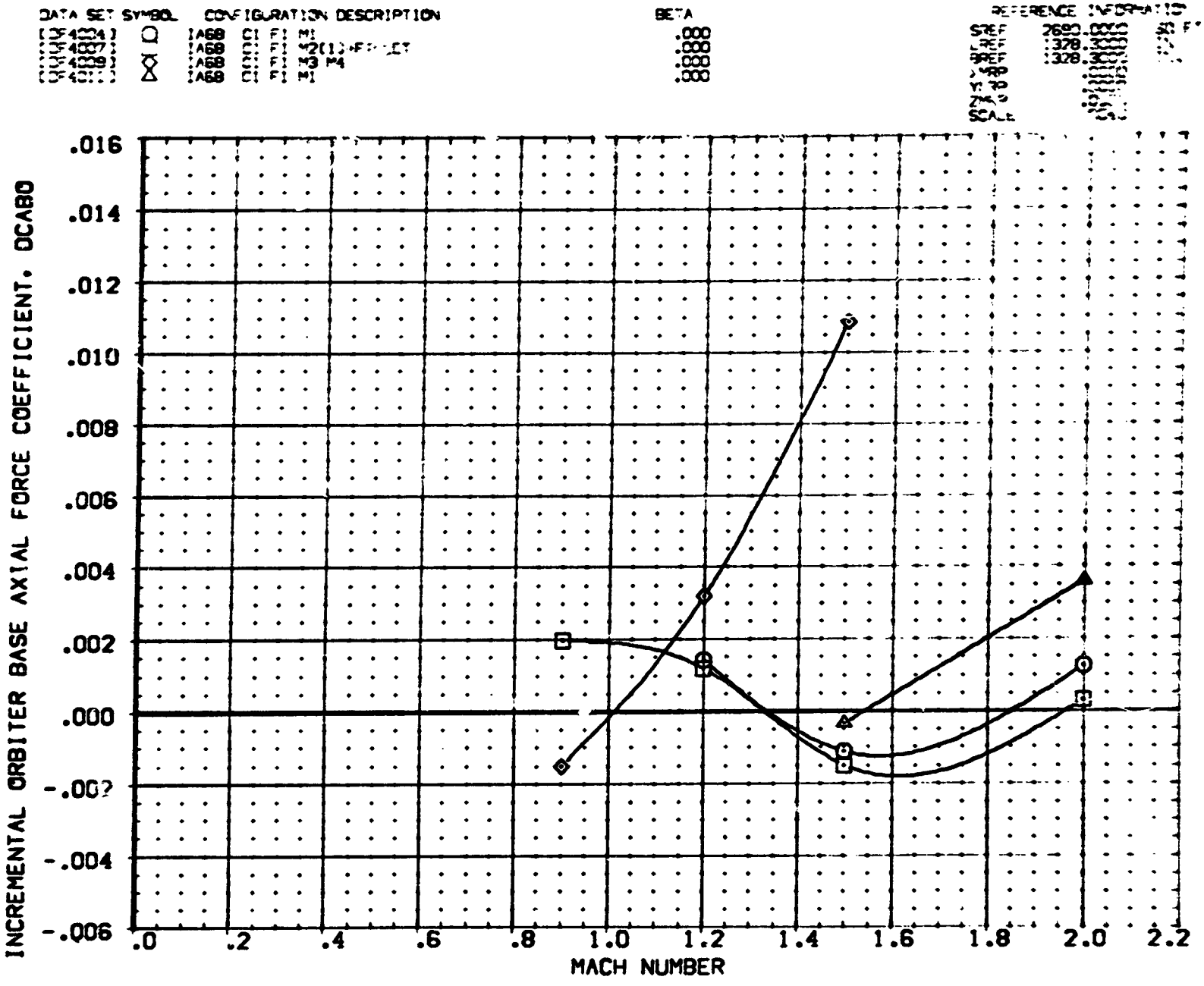

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(D)ALPHA = 2.00

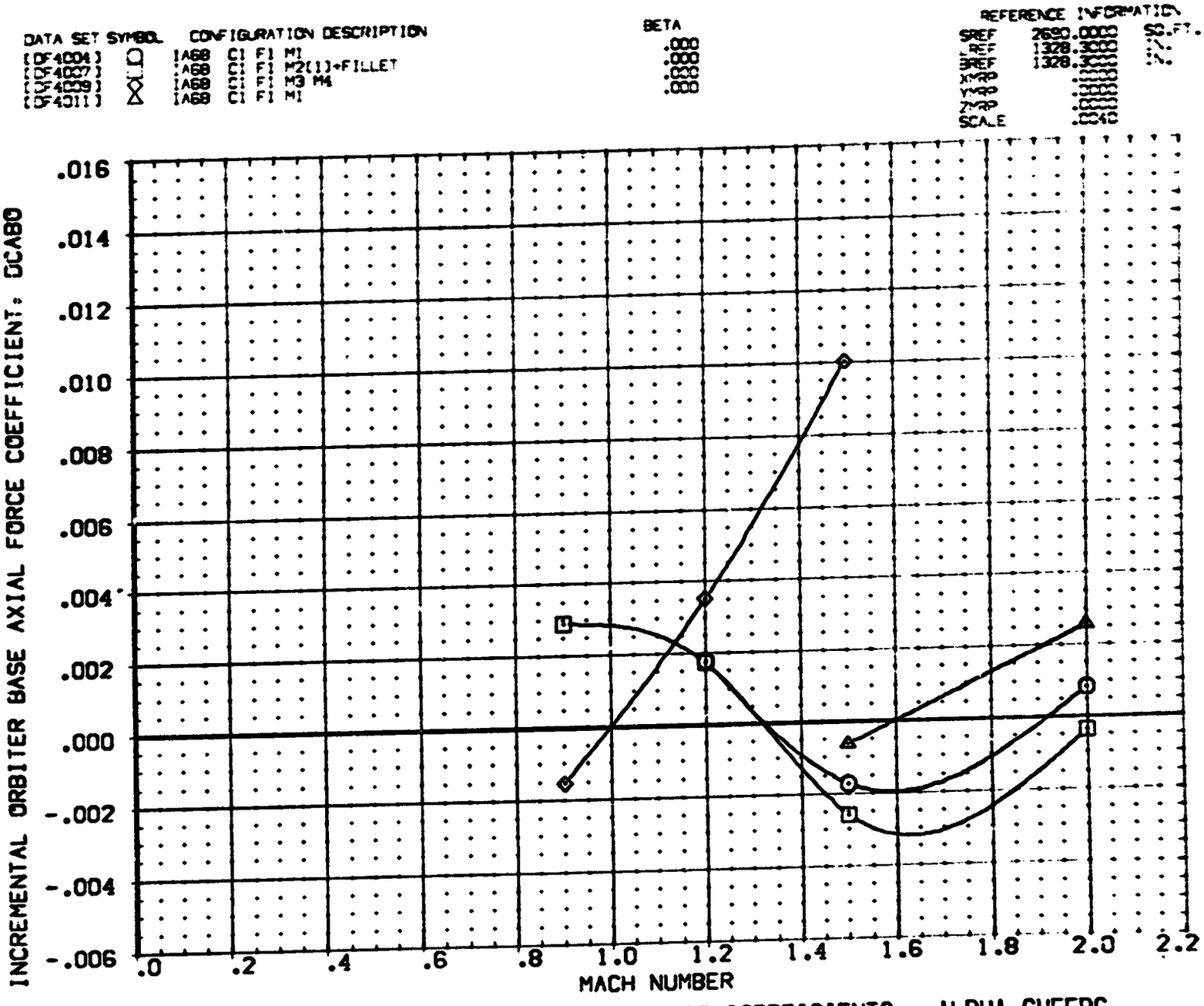

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(E)ALPHA = 4.00

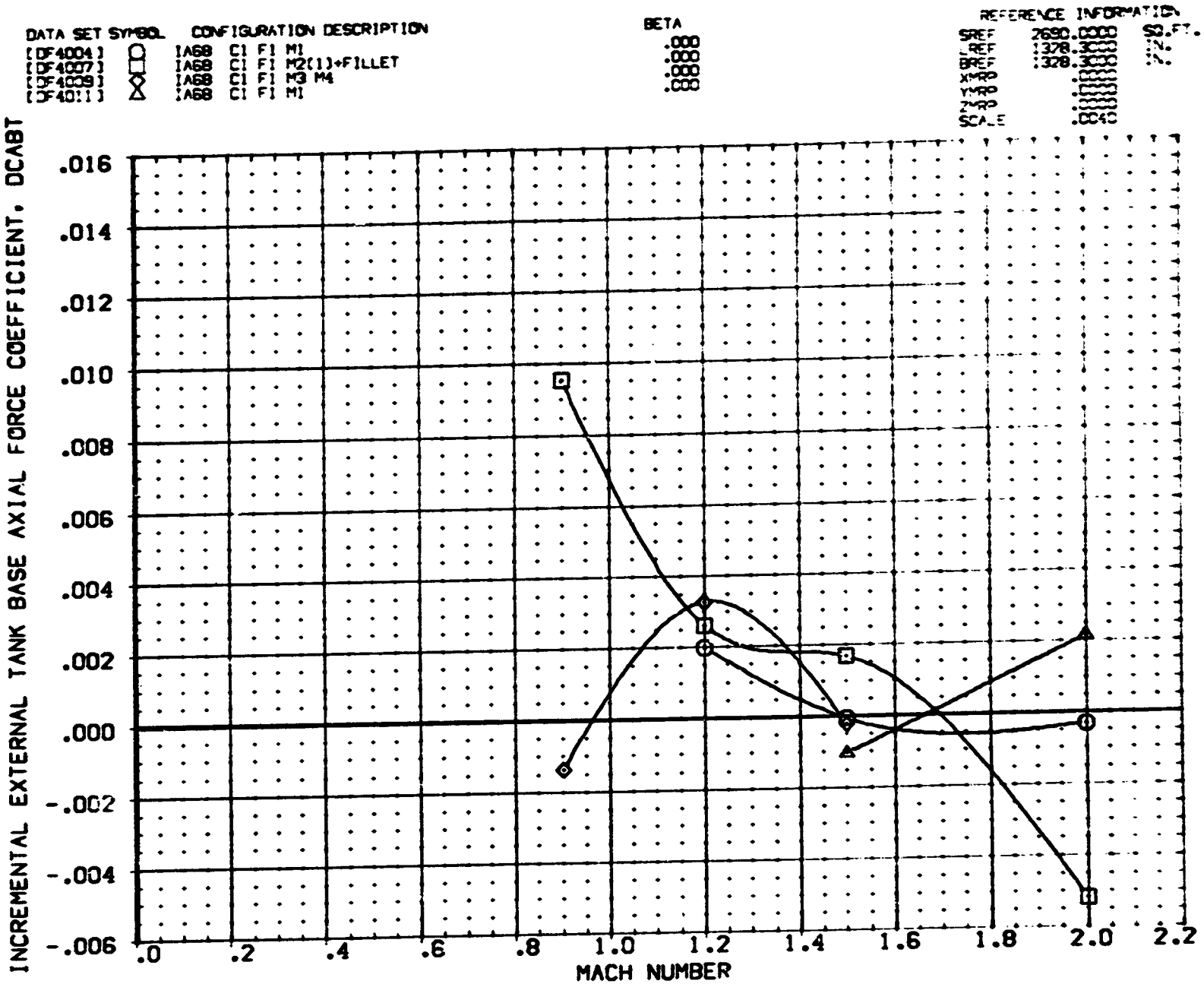

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(A)ALPHA = -4.00

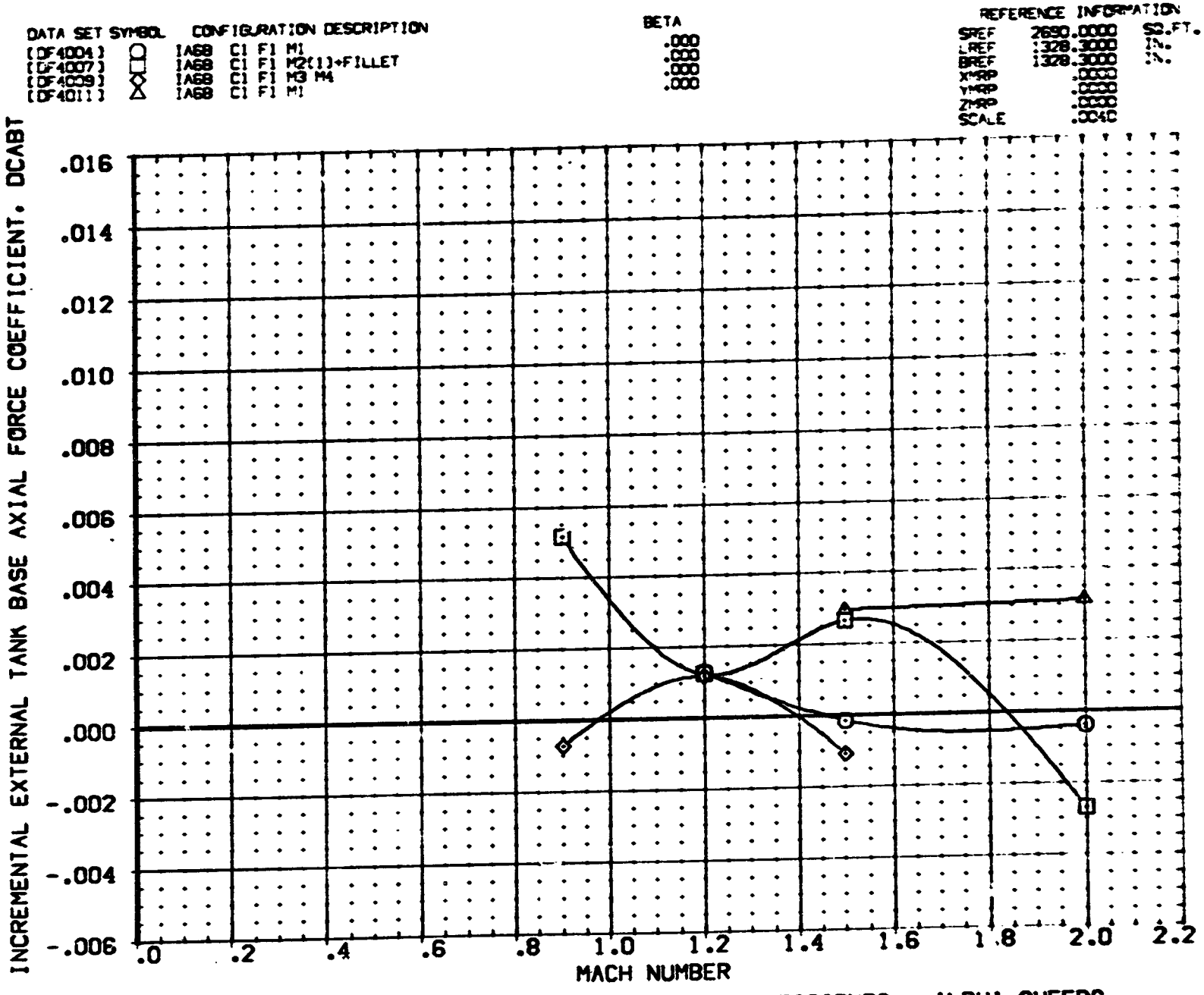

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(B)ALPHA = -2.00

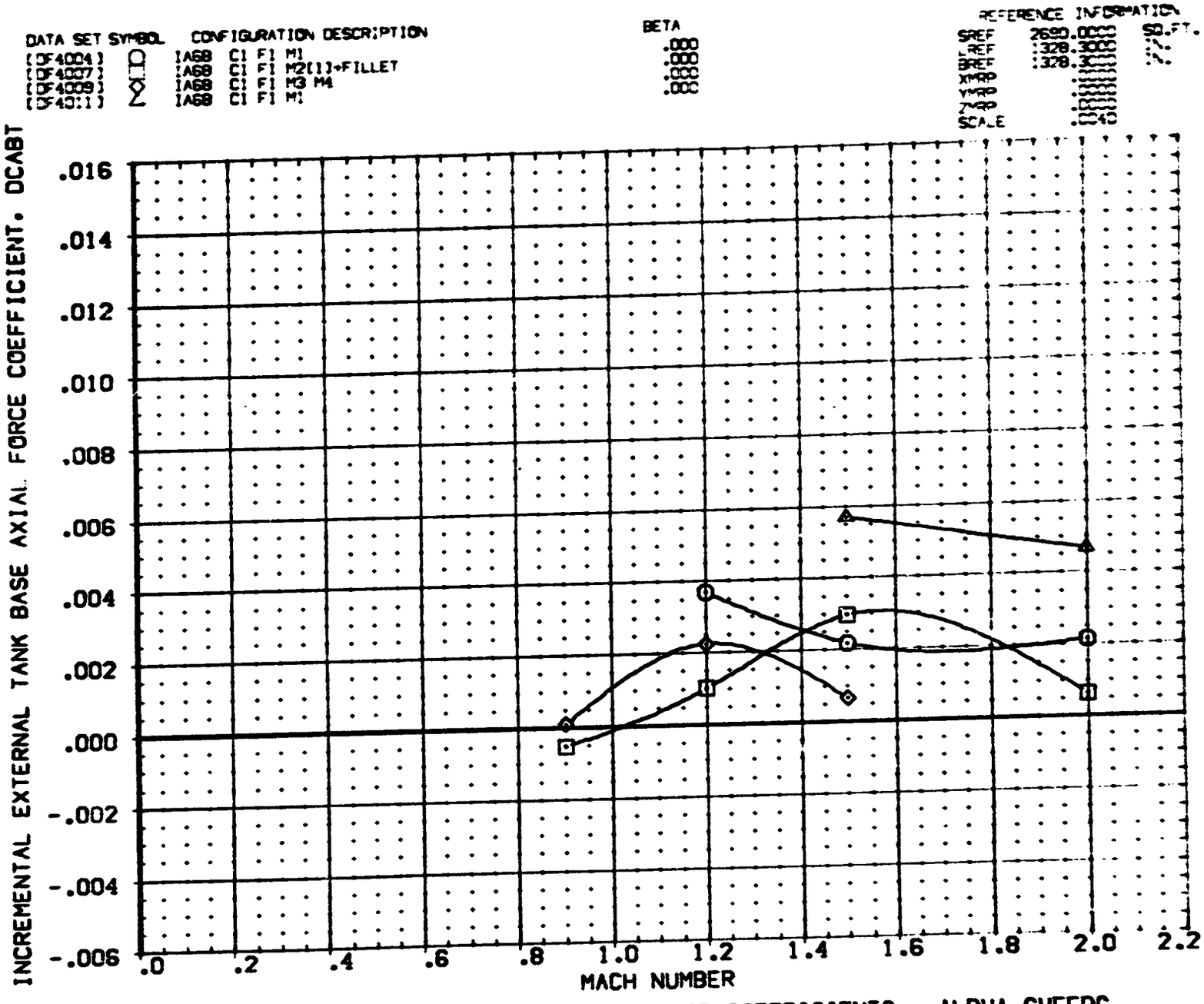

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(C)ALPHA = .00

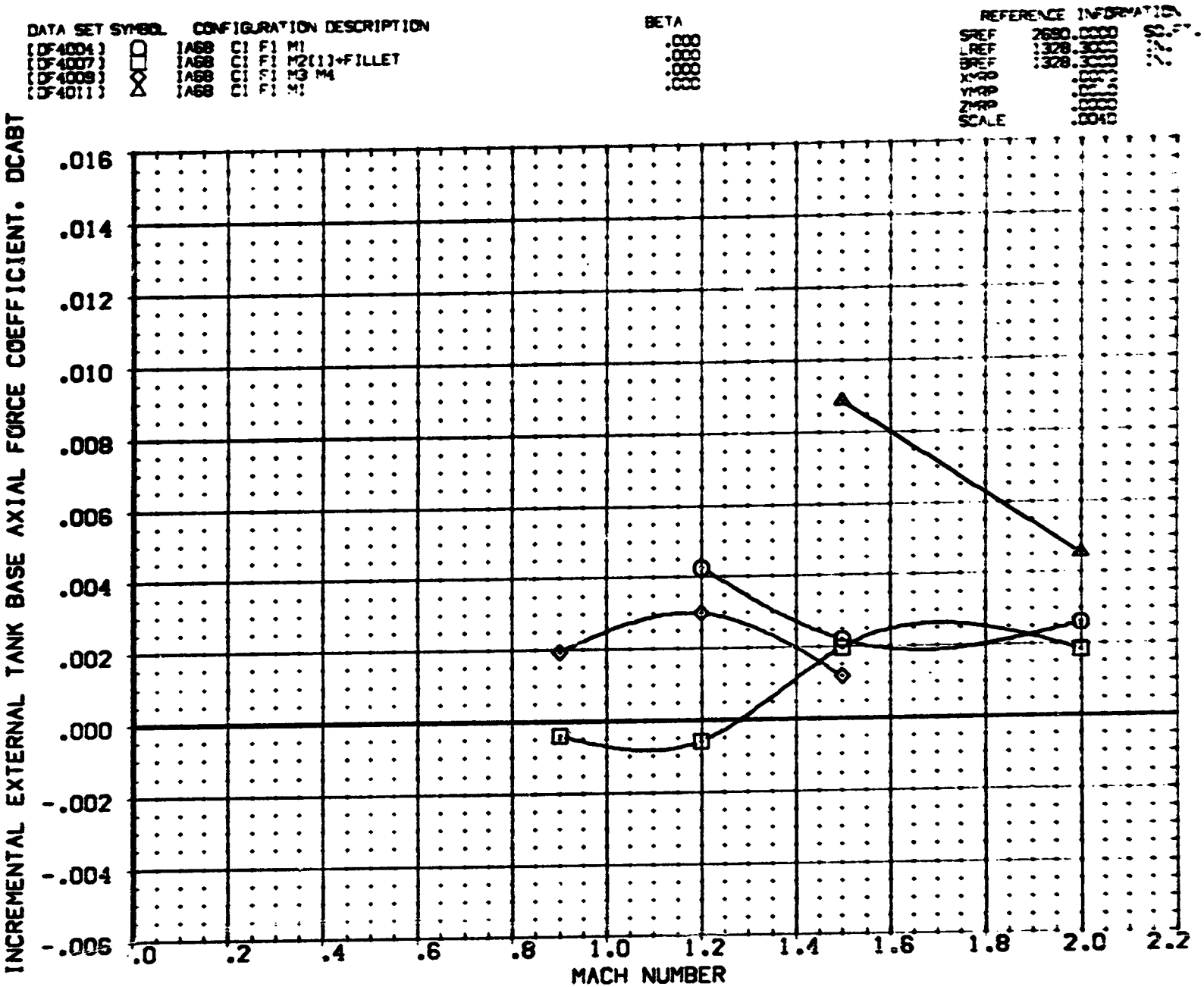

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

[D]ALP-A = 2.00

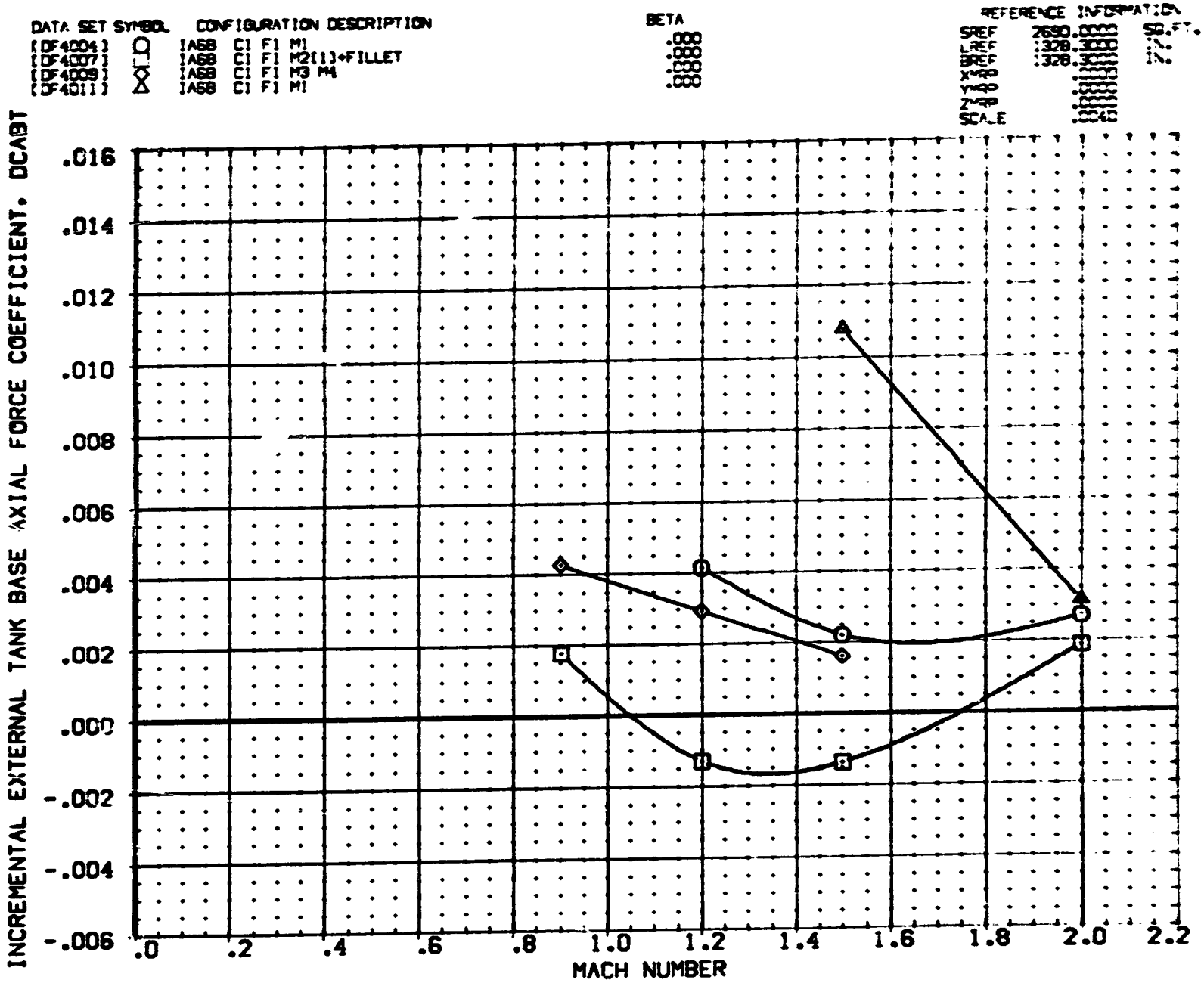

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(E)ALPHA = 4.00

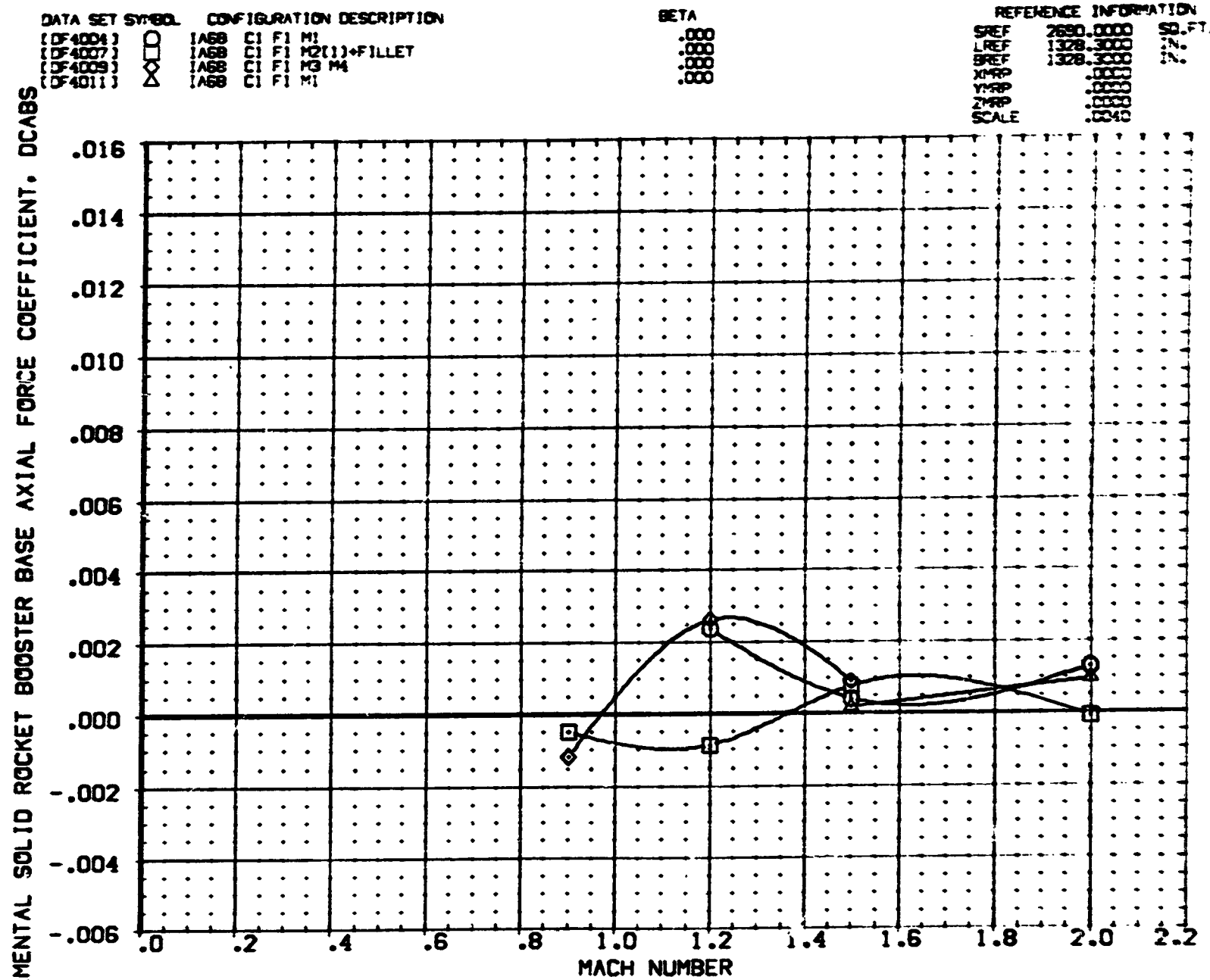

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(A)ALPHA = -4.00

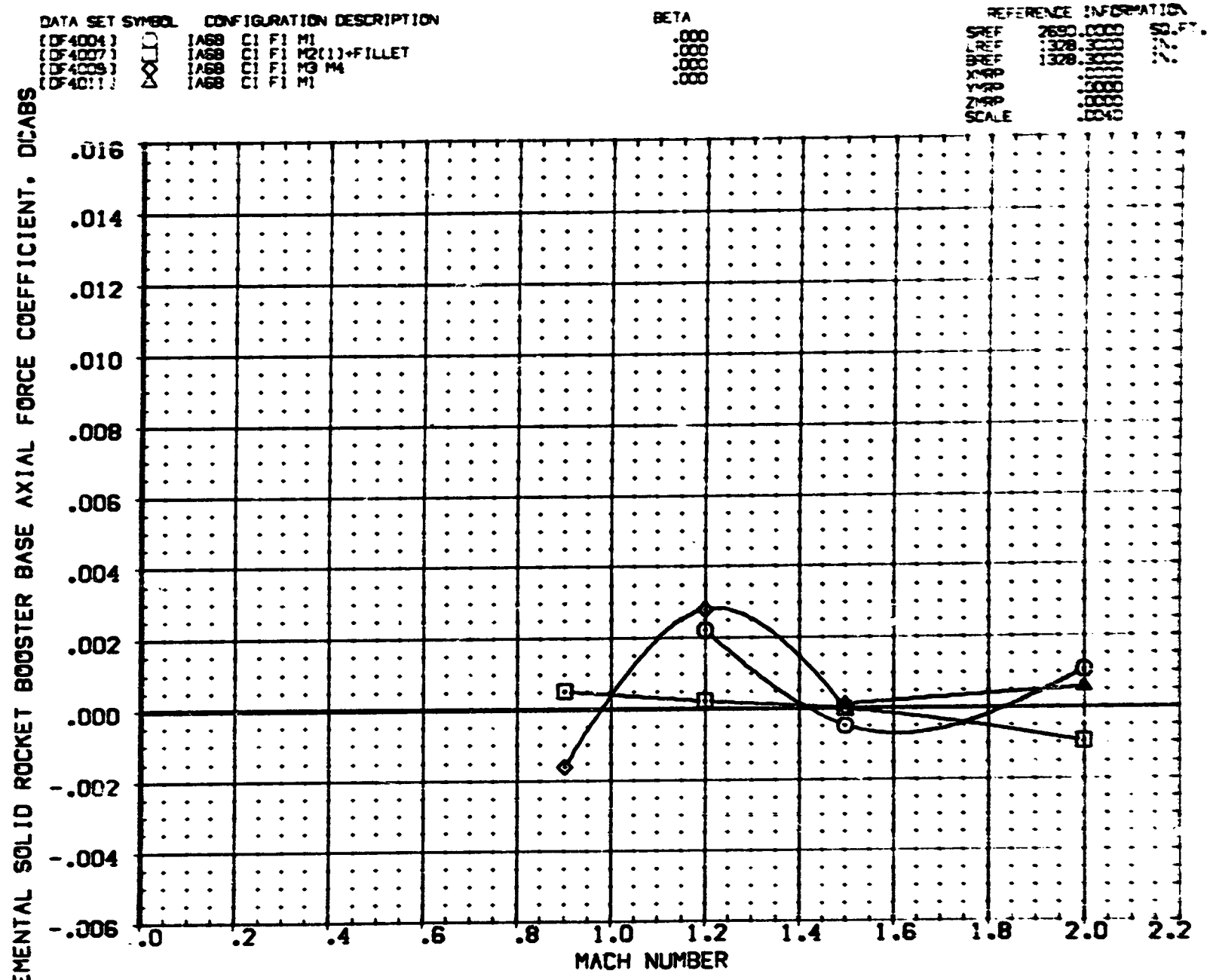

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(B)ALPHA = -2.00

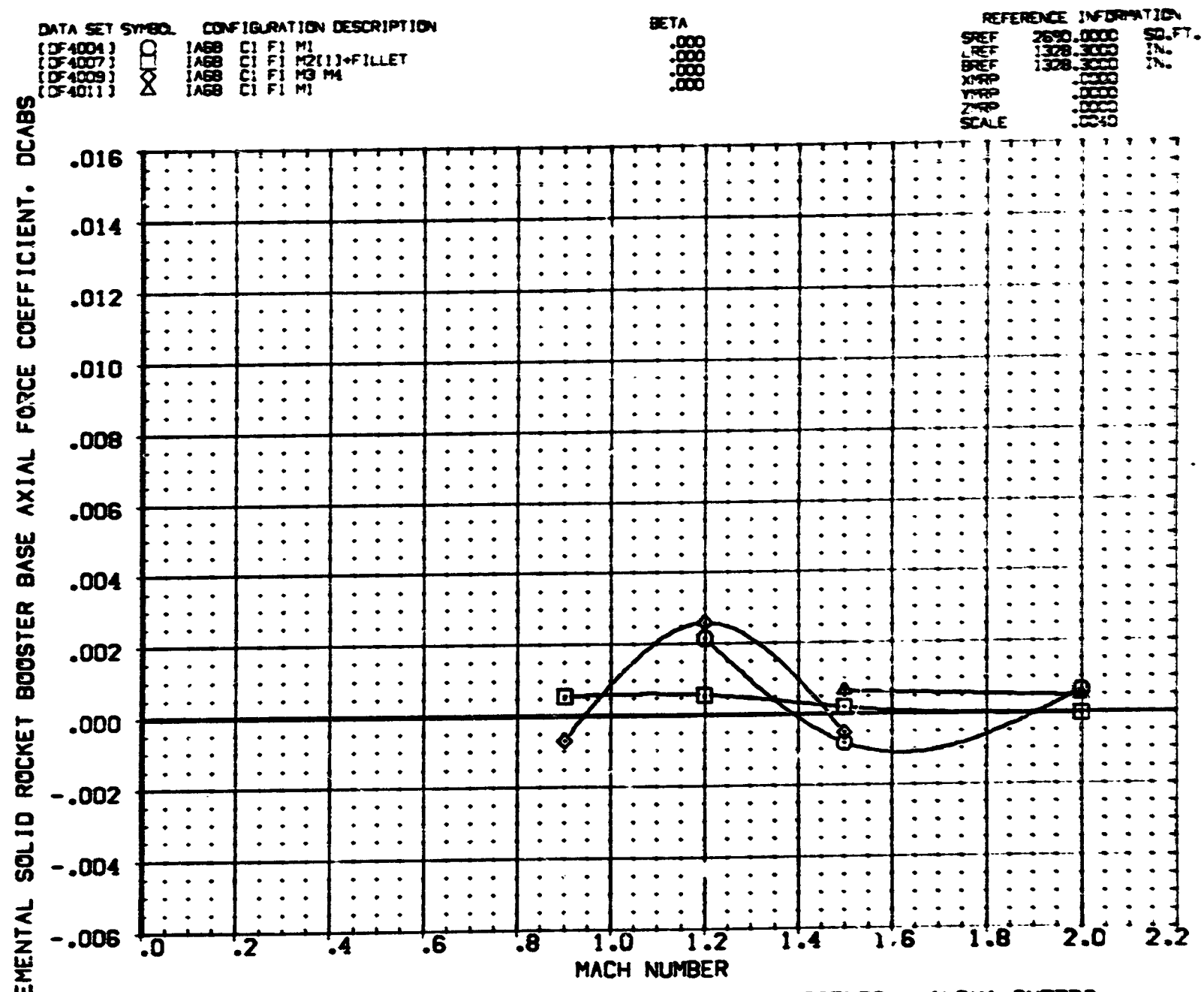

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

[C]ALP-A = .00

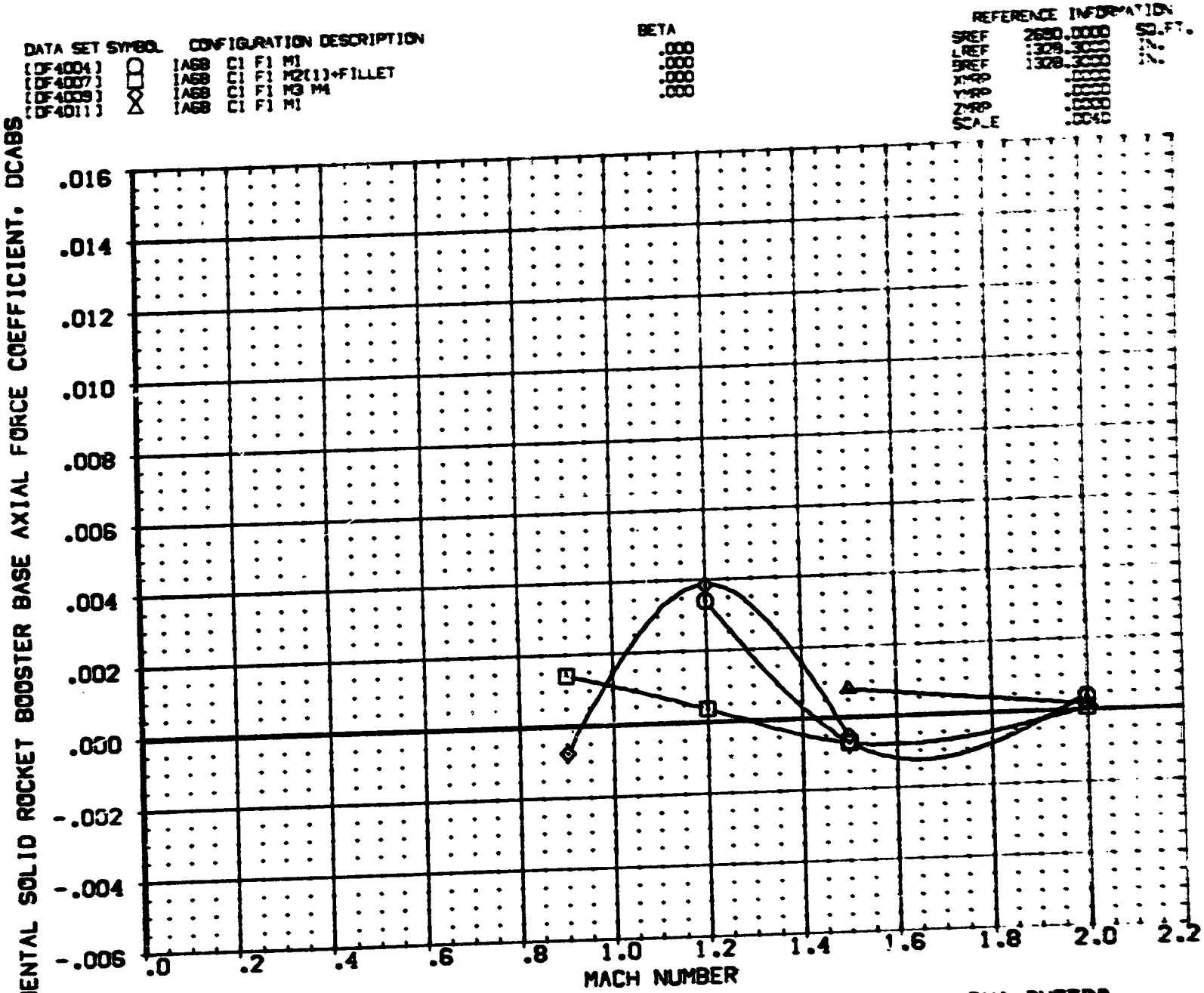

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(D)ALPHA = 2.00

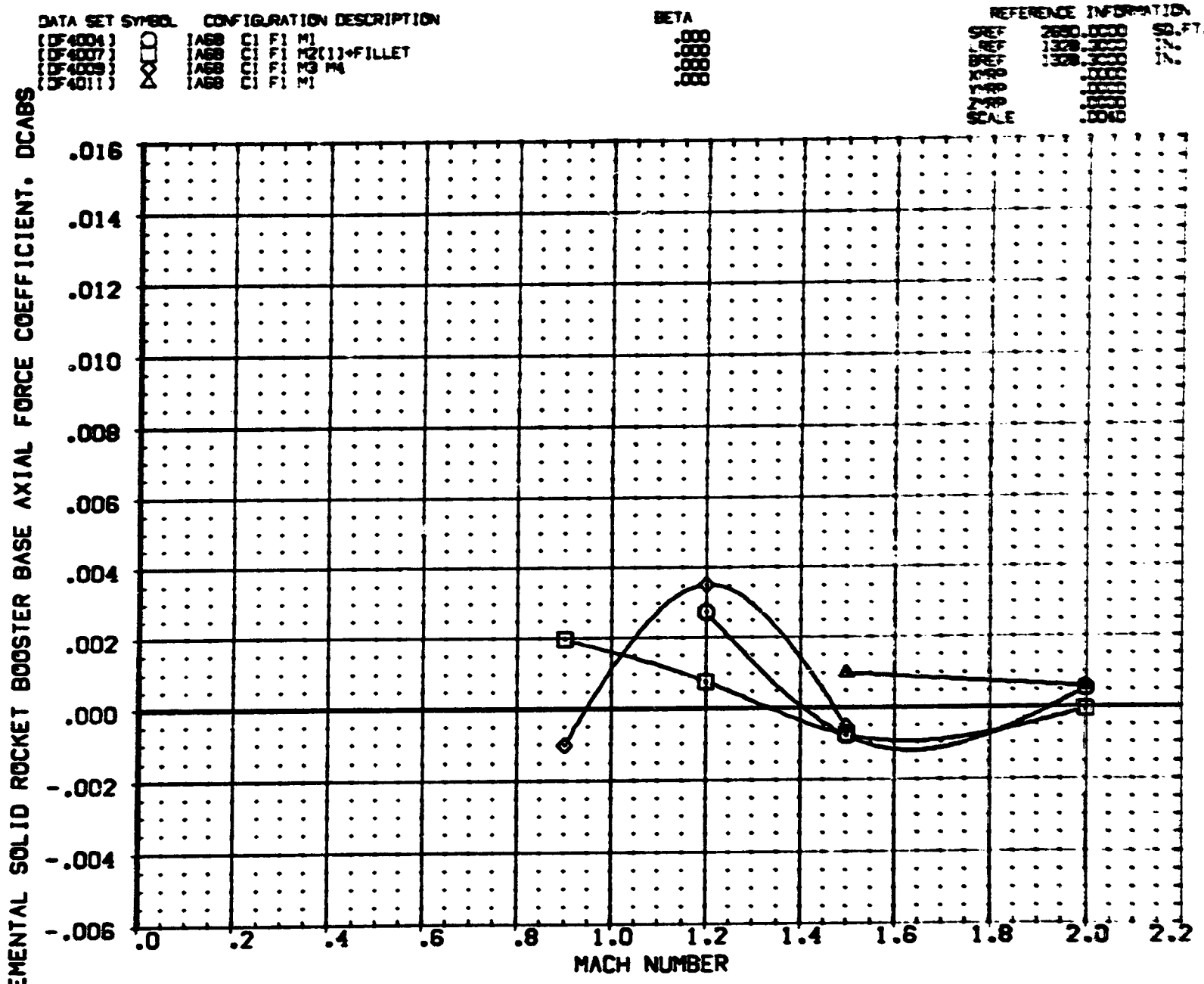

FIG 5 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - ALPHA SWEEPS

(E)ALPHA = 4.00

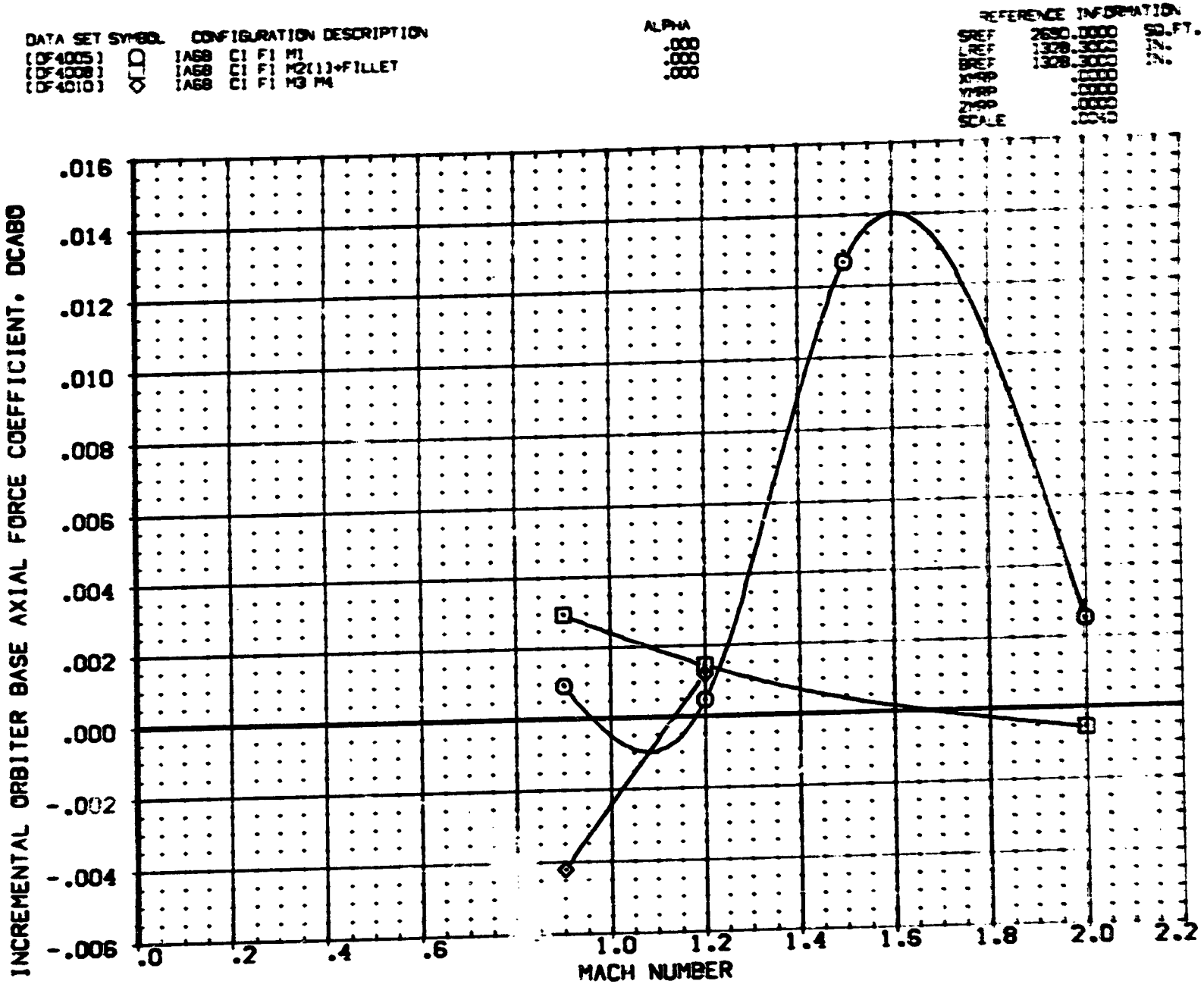

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(A)BETA = -4.00

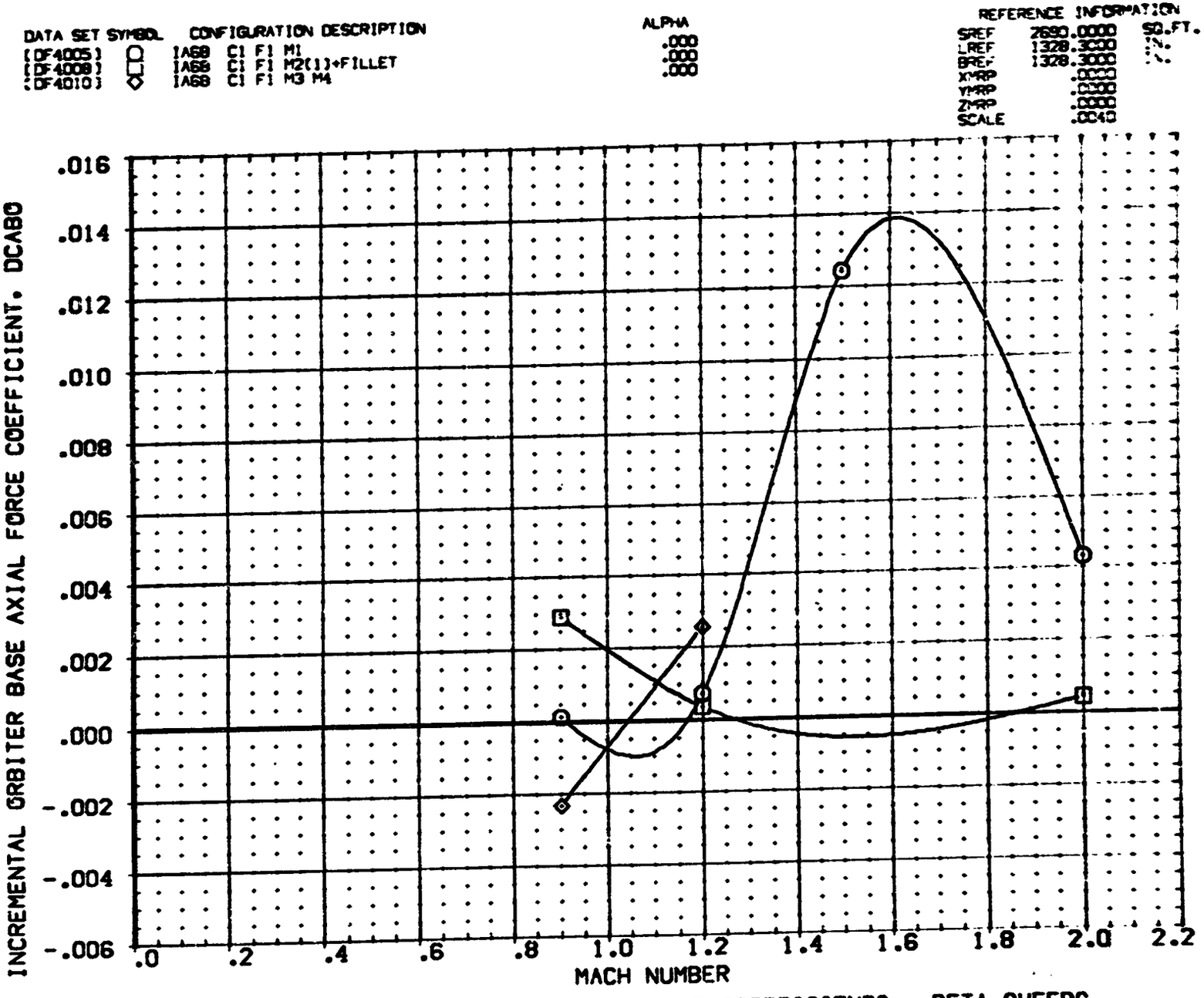

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(B)BETA = -2.00

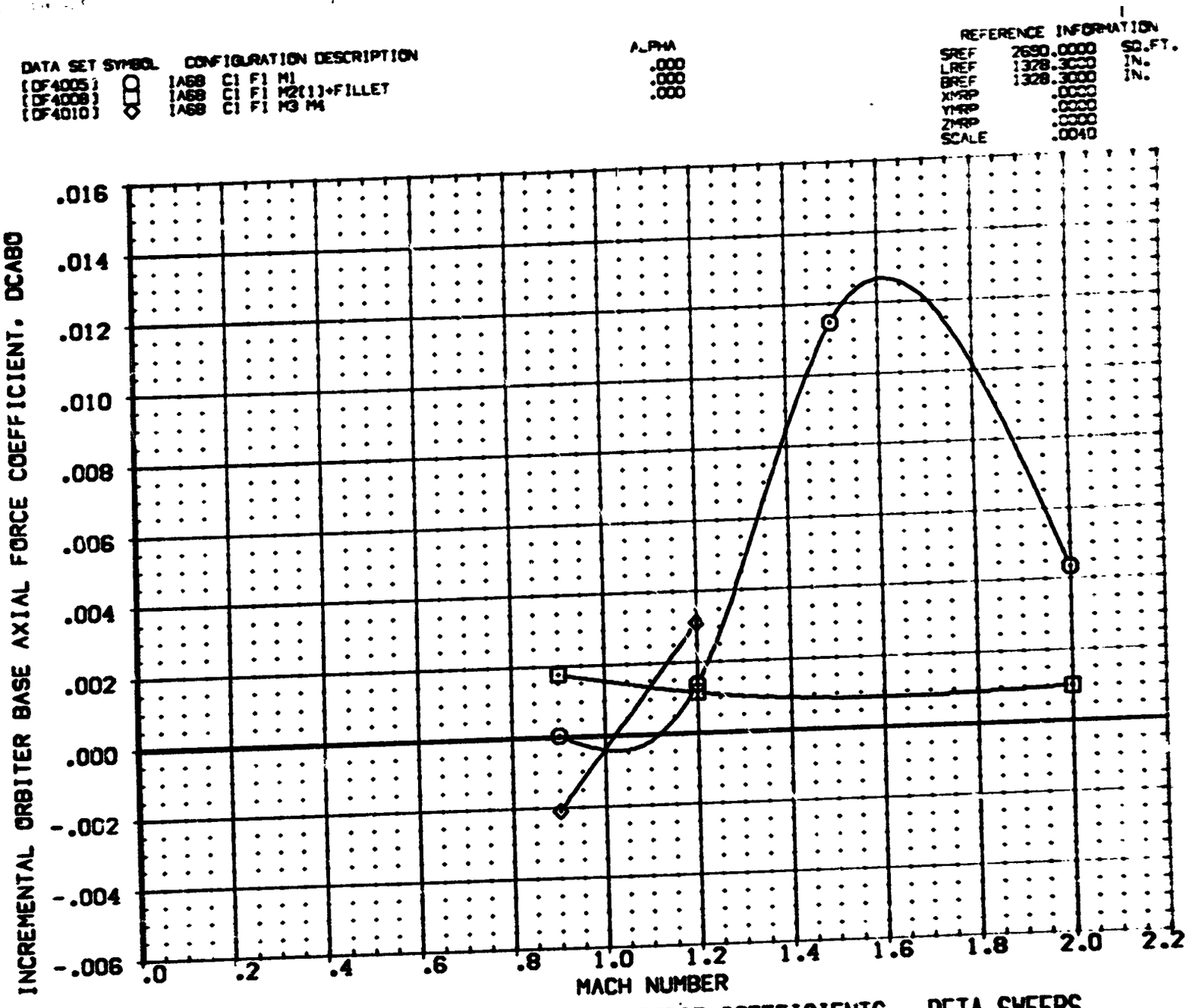

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(C)BETA = .00

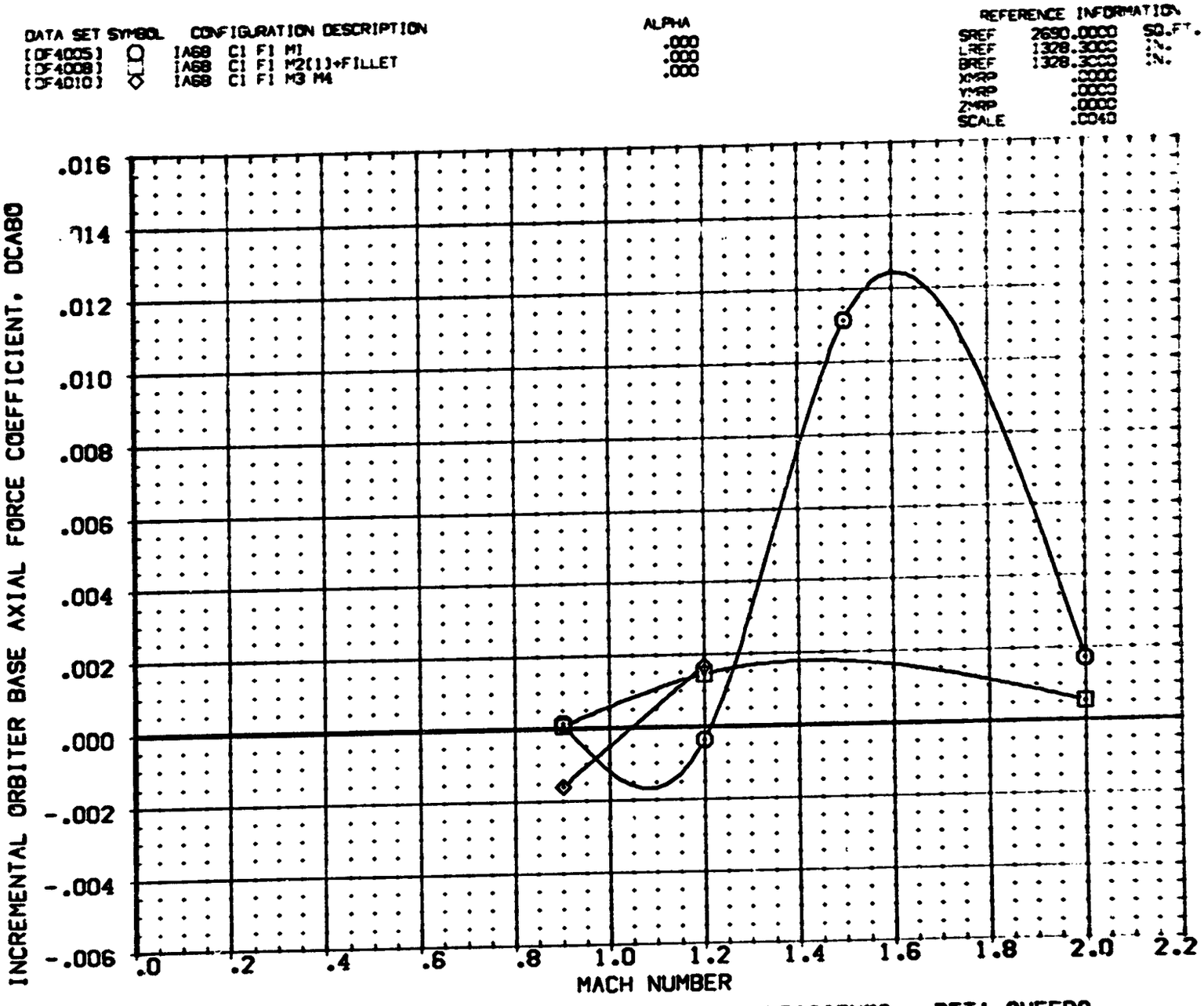

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(D)BETA = 2.00

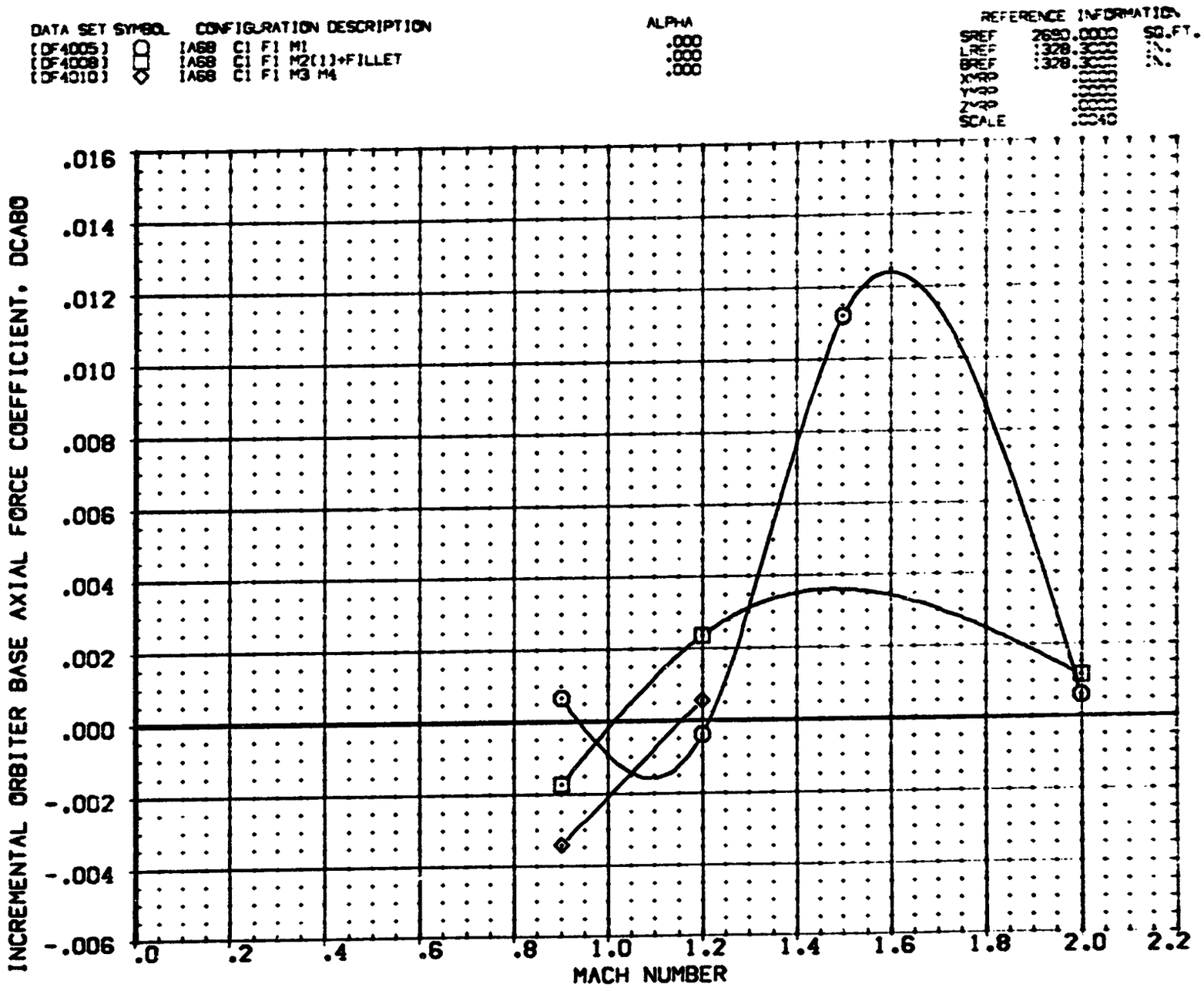

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(E)BETA = 4.00

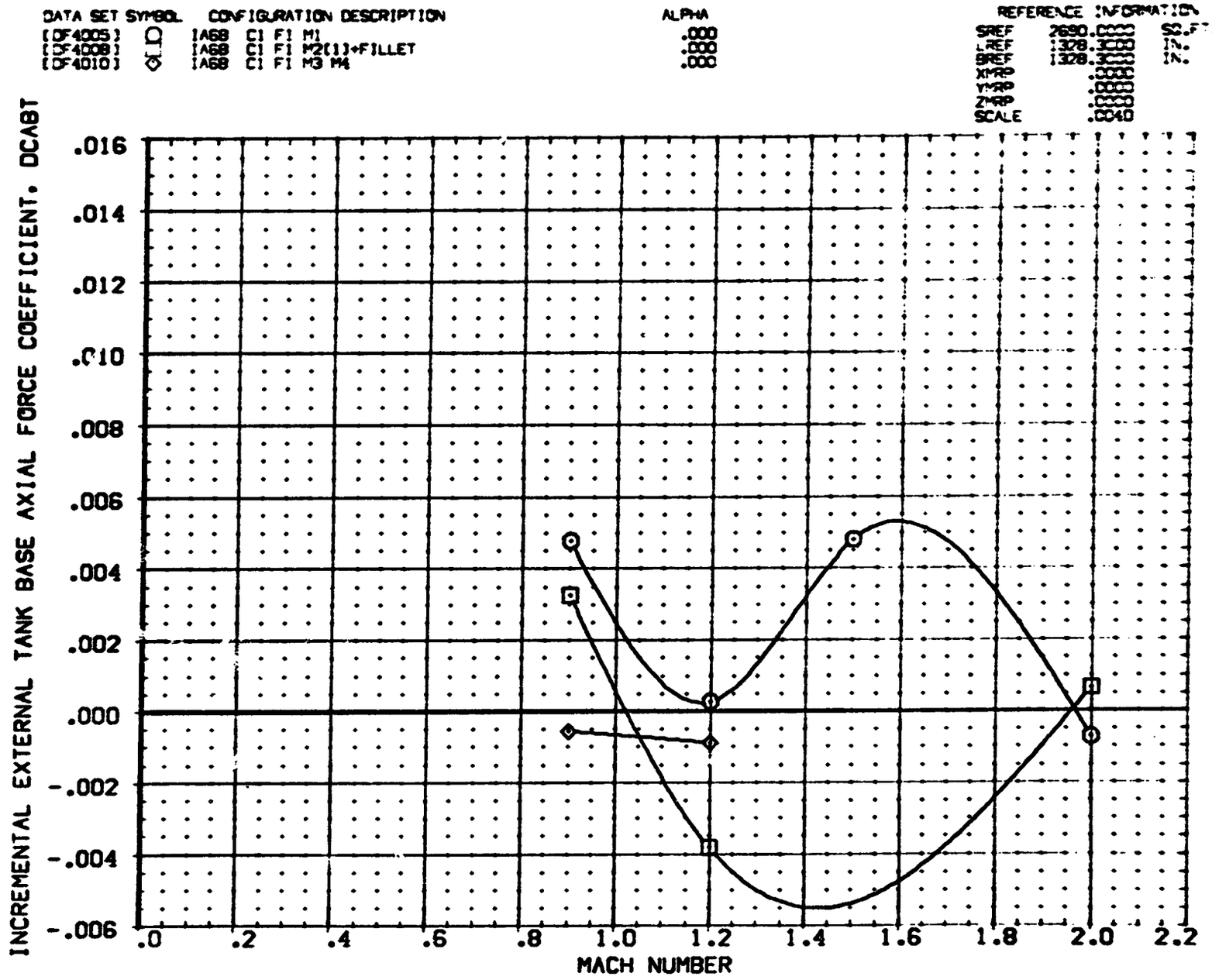

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(A)BETA = -4.00

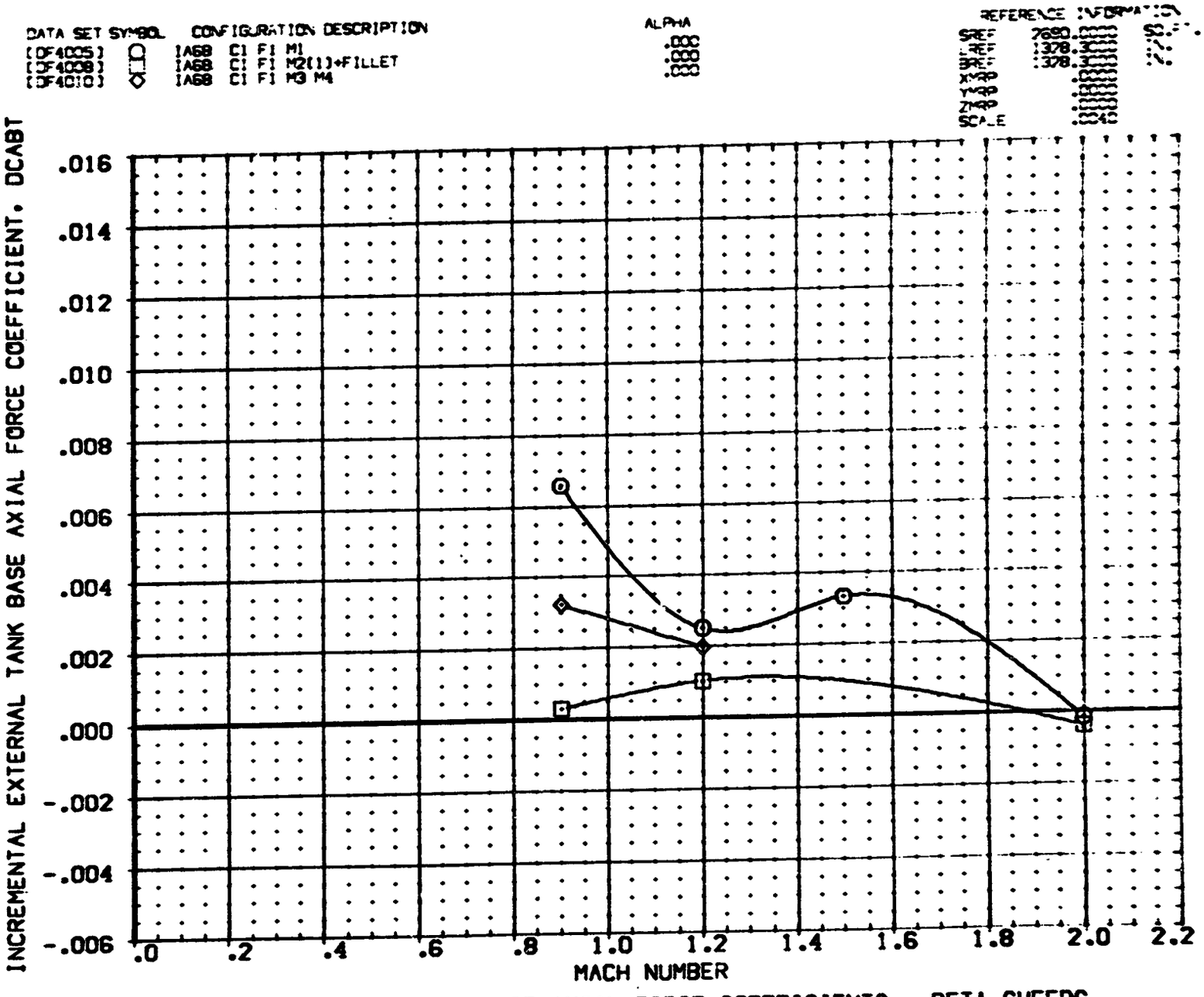

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(B)BETA = -2.00

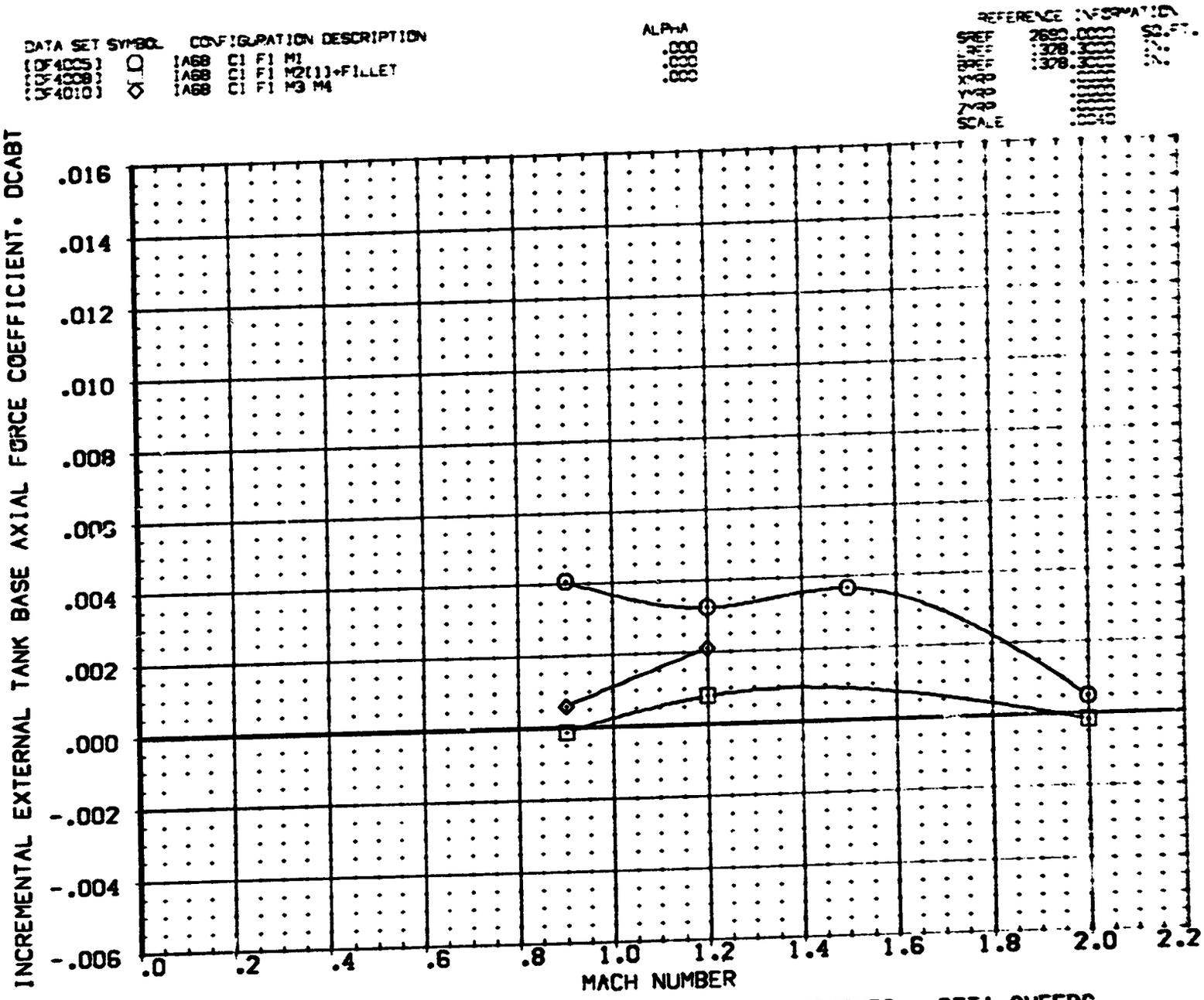

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

PAGE 7:

(C)BETA = .00

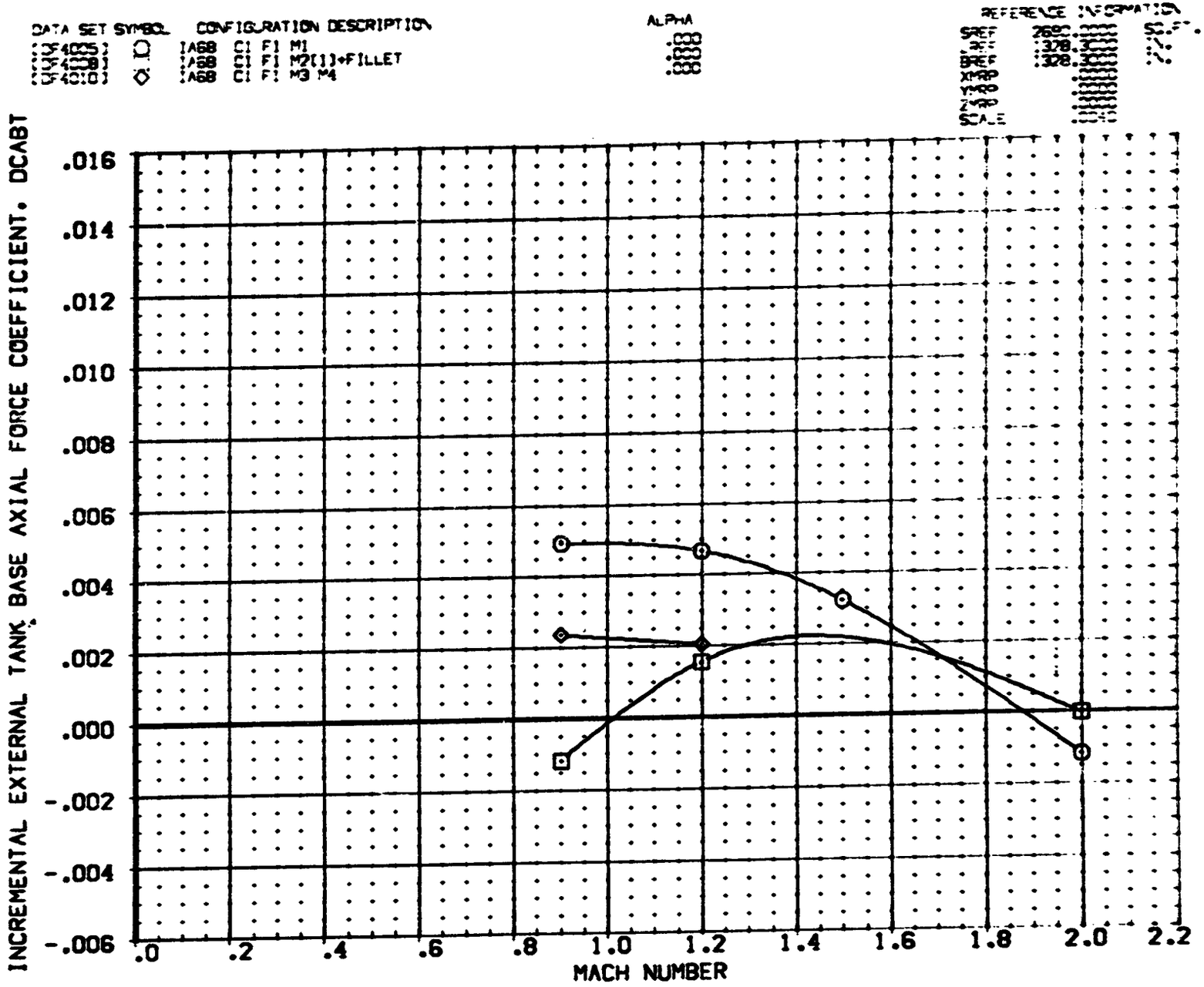

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(D)BETA = 2.00

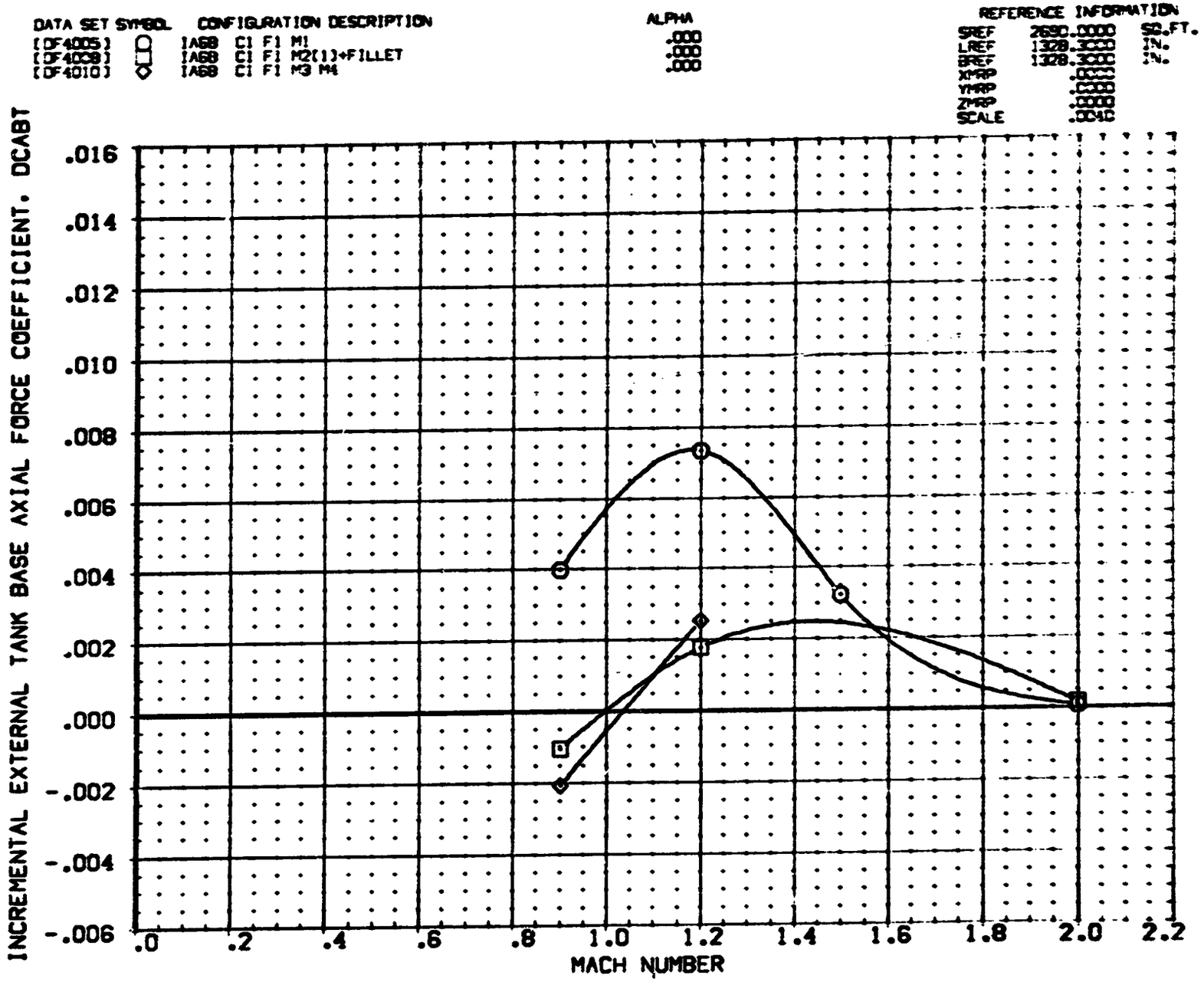

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(E)BETA = 4.00

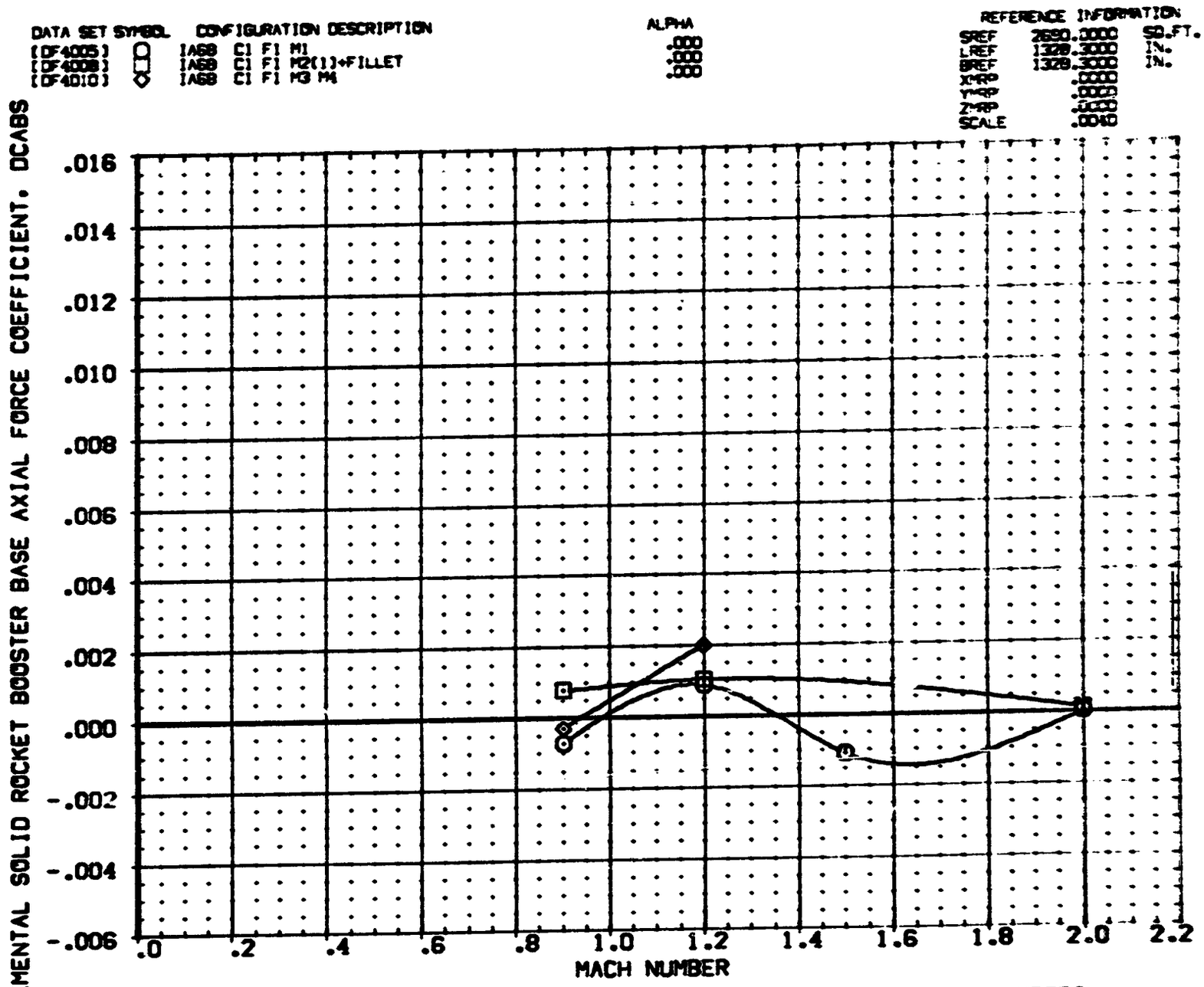

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(A)BETA = -4.00

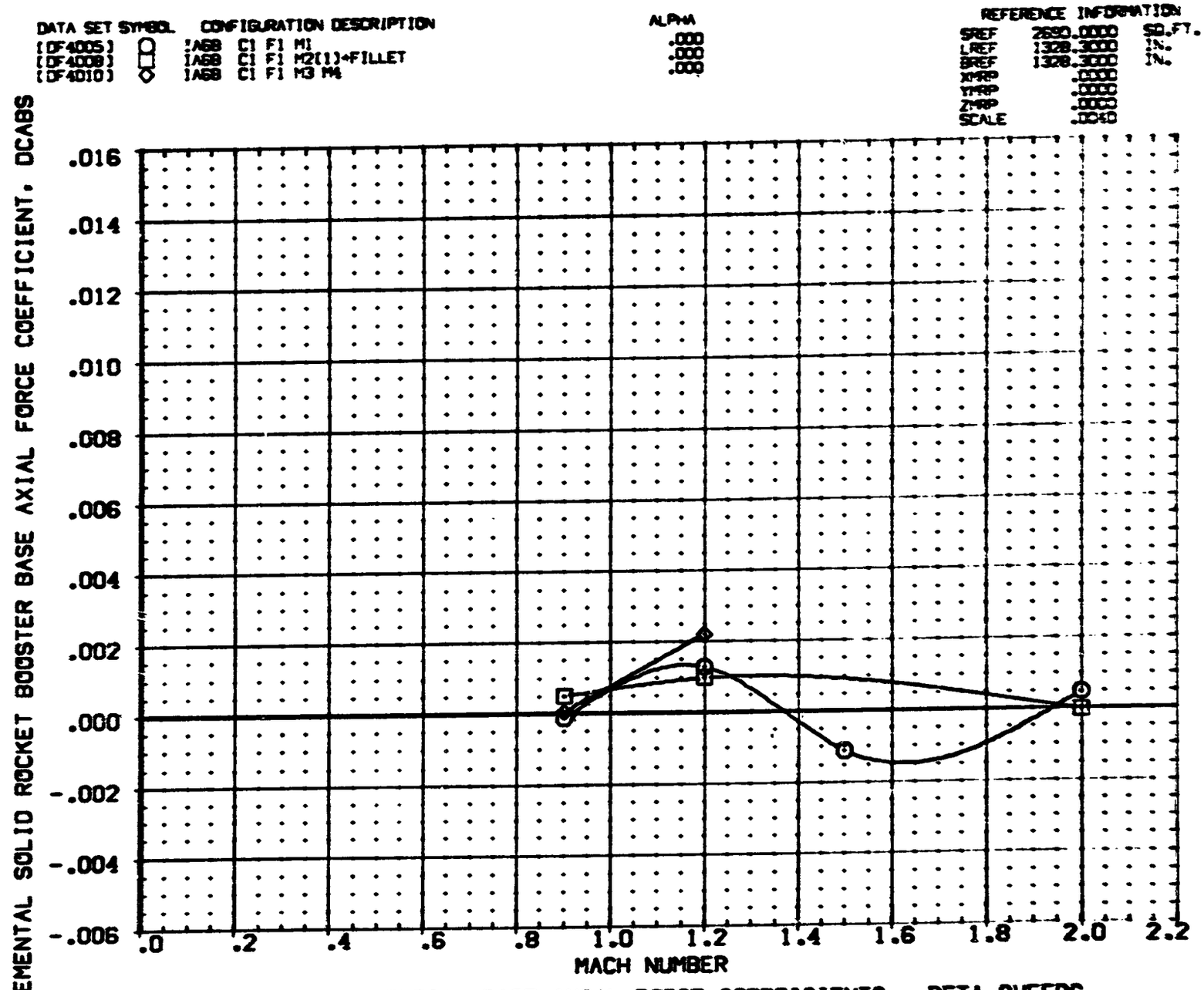

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(B)BETA = -2.00

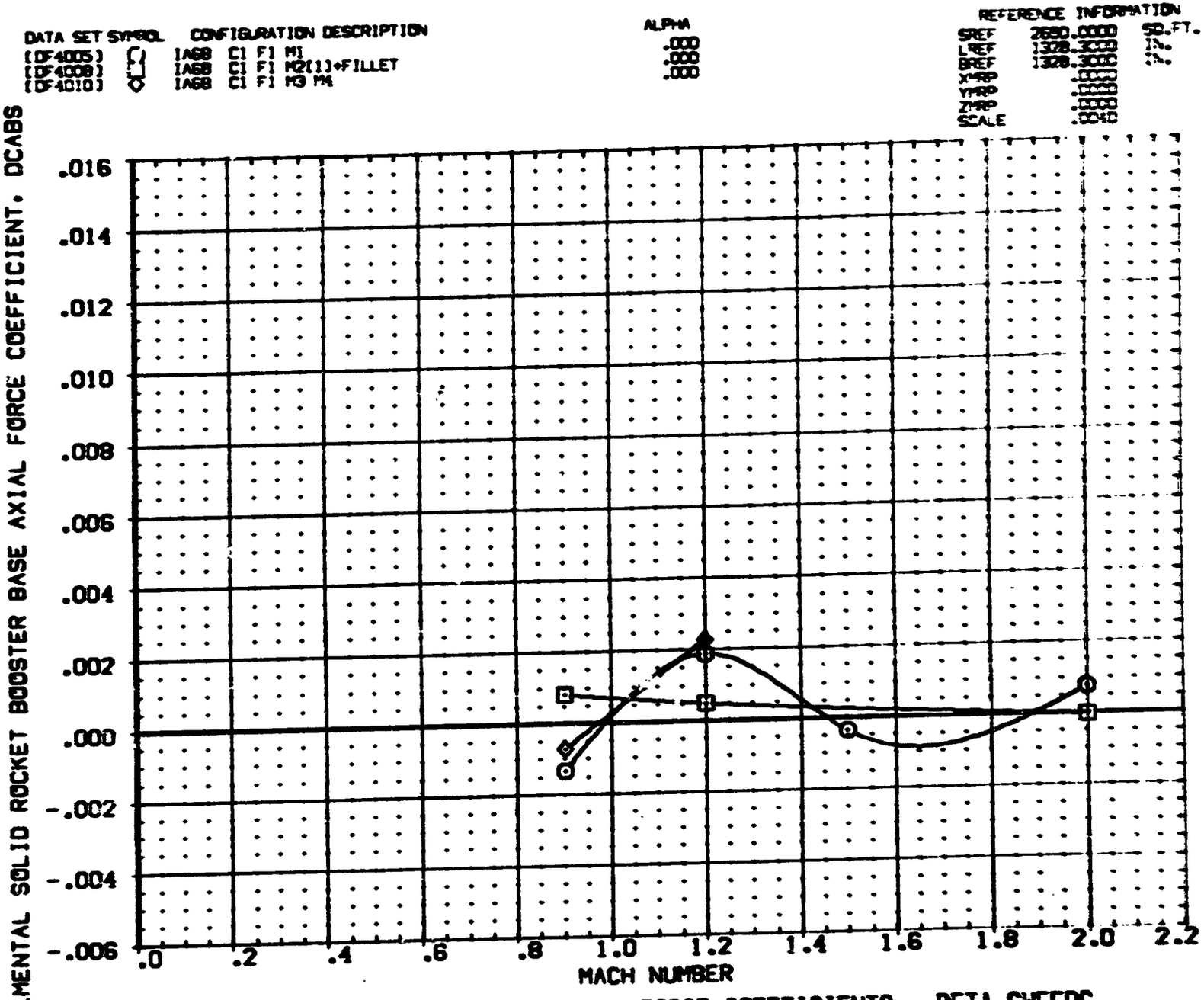

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(C)BETA = .00

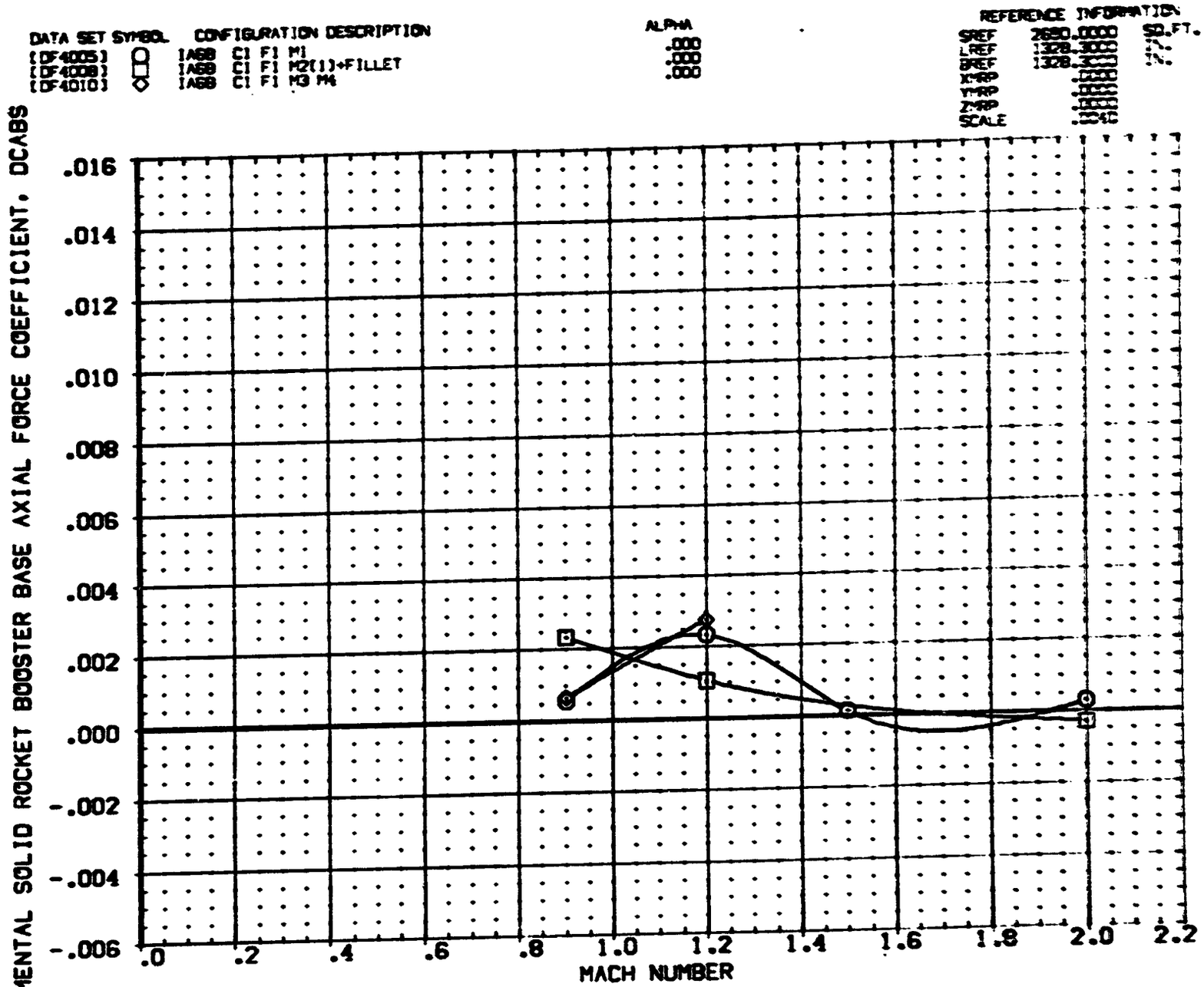

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(D)BETA = 2.00

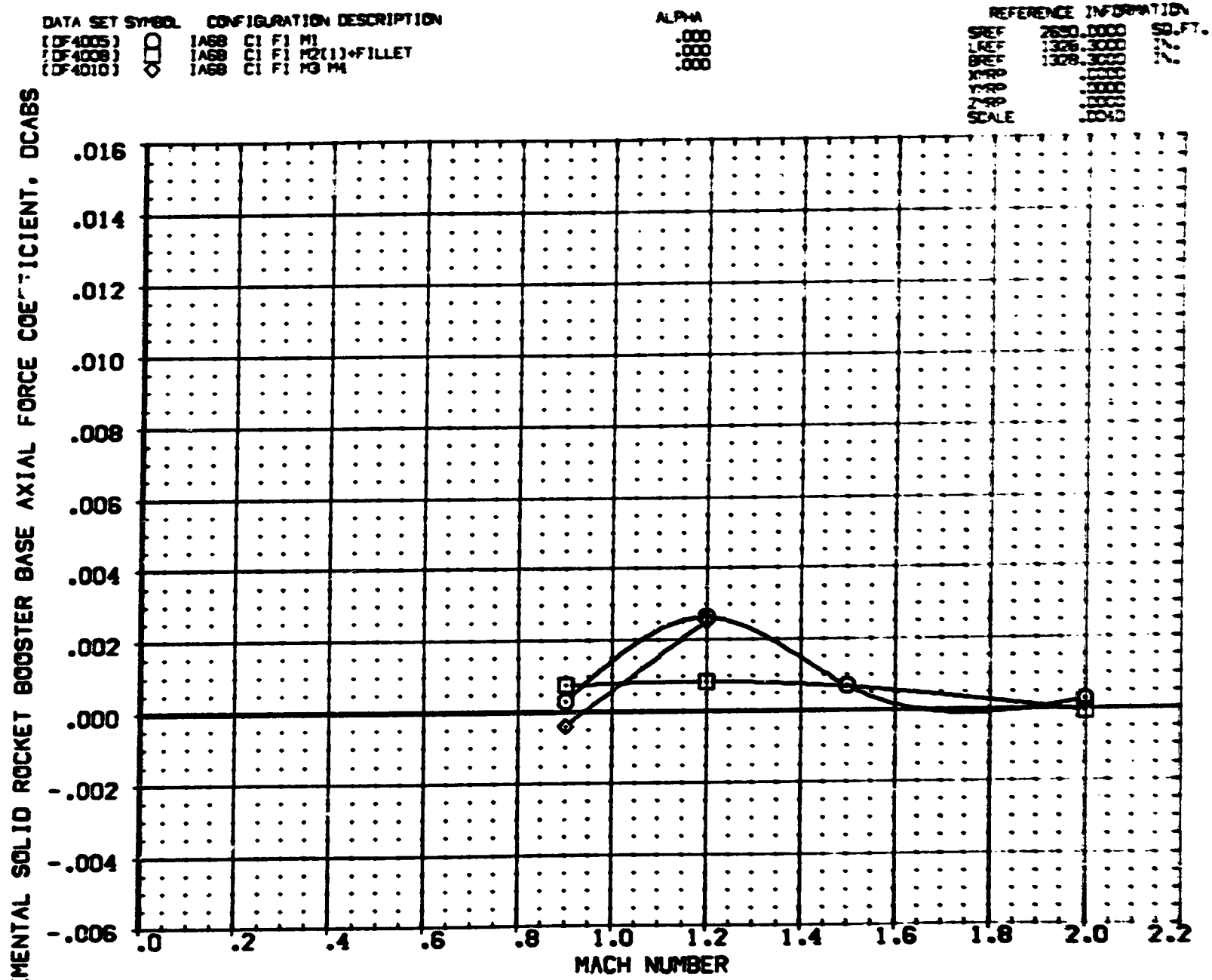

FIG 6 STRUT DIFFERENTIAL BASE AXIAL FORCE COEFFICIENTS - BETA SWEEPS

(E)BETA = 4.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
(BF4006) □ IA6B C1 F1 M2
(AF4012) □ IA6B C1 F1 M2

BETA
.000
.000

REFERENCE INFORMATION
SREF 2690.0000 SQ.FT.
LREF 328.0000
BREF 328.0000
XMRP .0000
YMRP .0000
ZMRP .0000
SCALE .0040

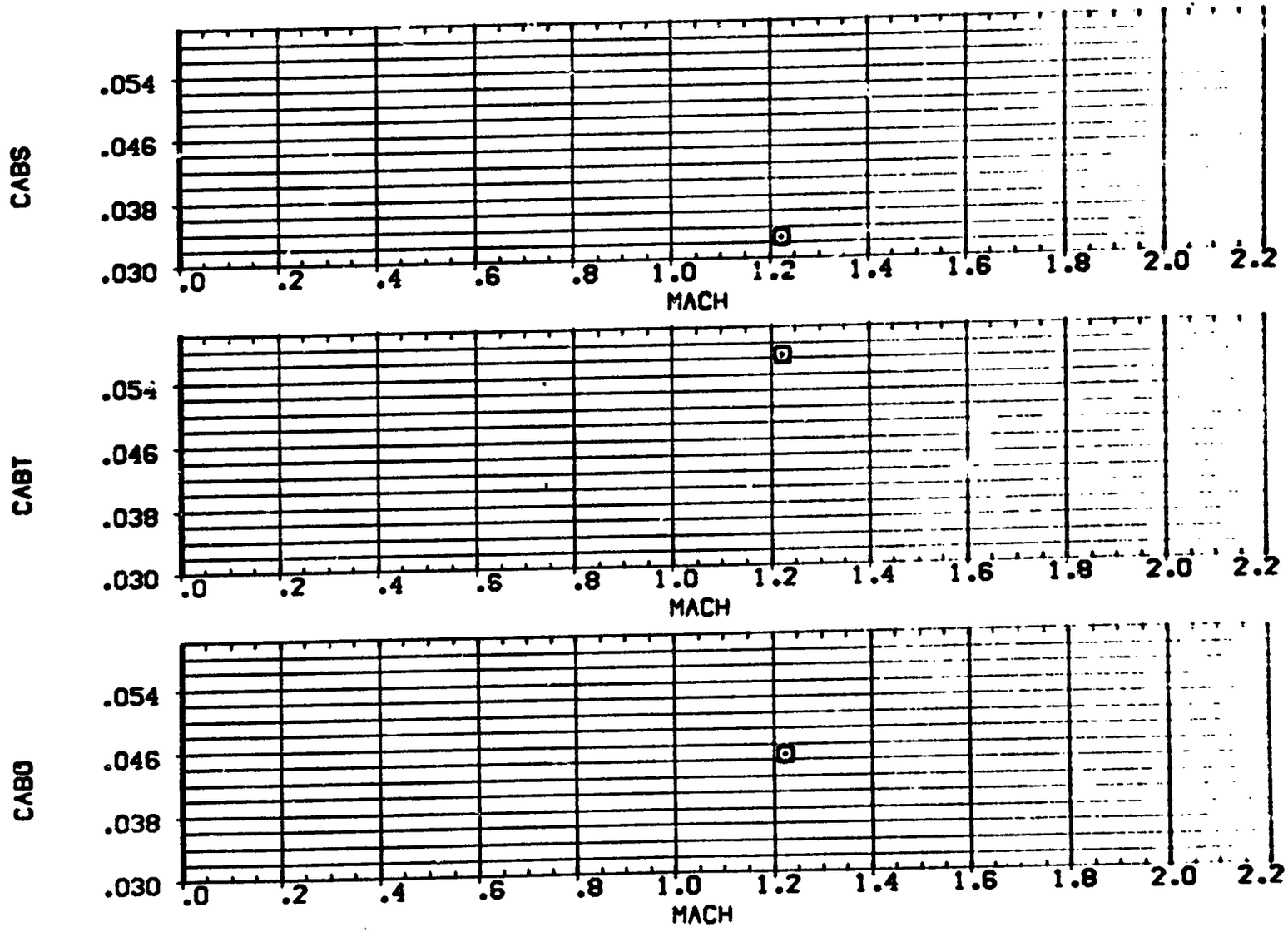

FIG 7 REPEATABILITY - BASE DRAG

(A)ALP-A = .00

DATA FIGURES - PRESSURE

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4L01)	○	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L01)	□	IASB C1 F1	LOWER WING SURFACE	.000

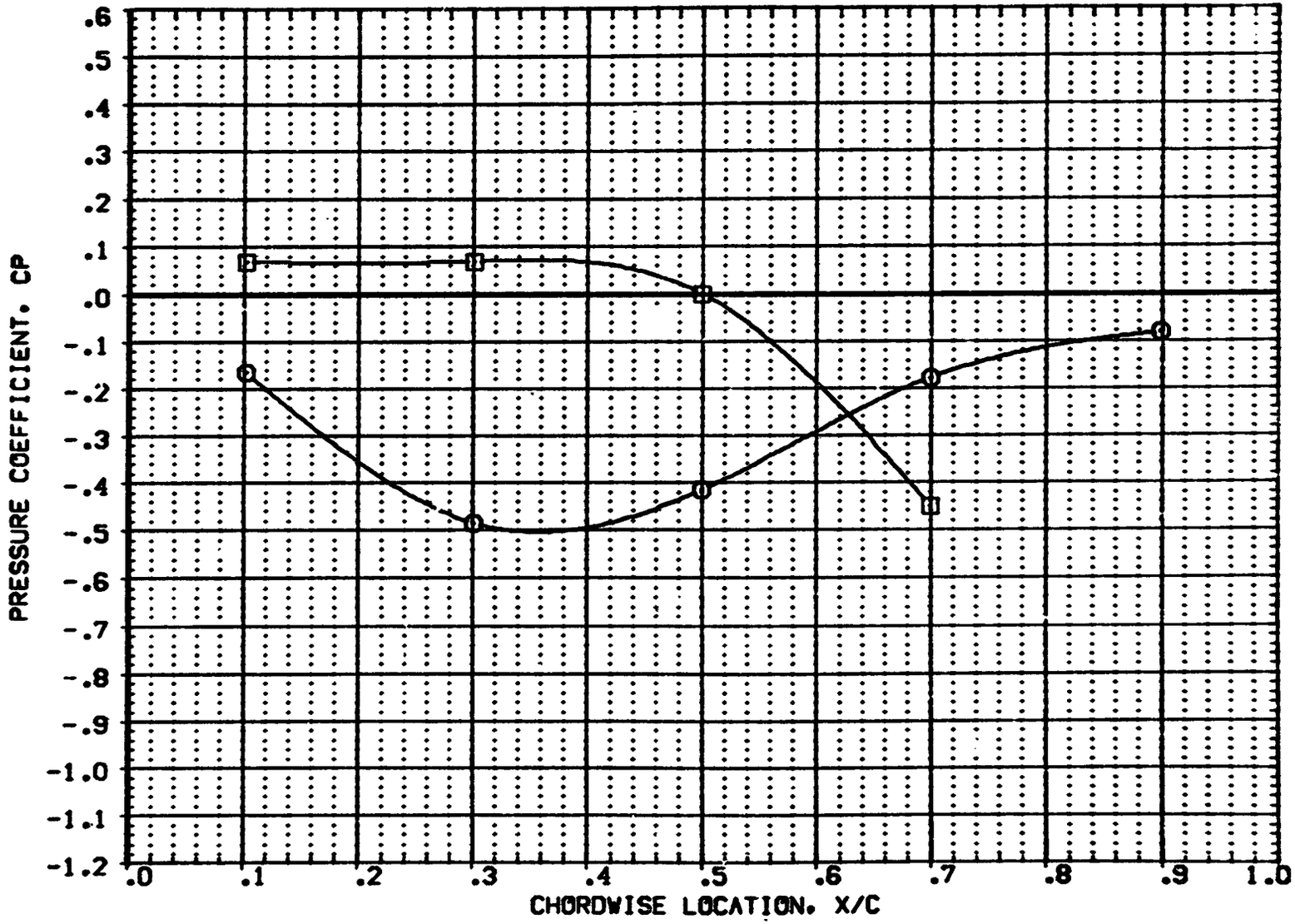

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .863 ALPHA = .000 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(RF4L02)	⊡	IA6B C1 F1	UPPER WING SURFACE .000
(RF4L02)	⊟	IA6B C1 F1	LOWER WING SURFACE .000

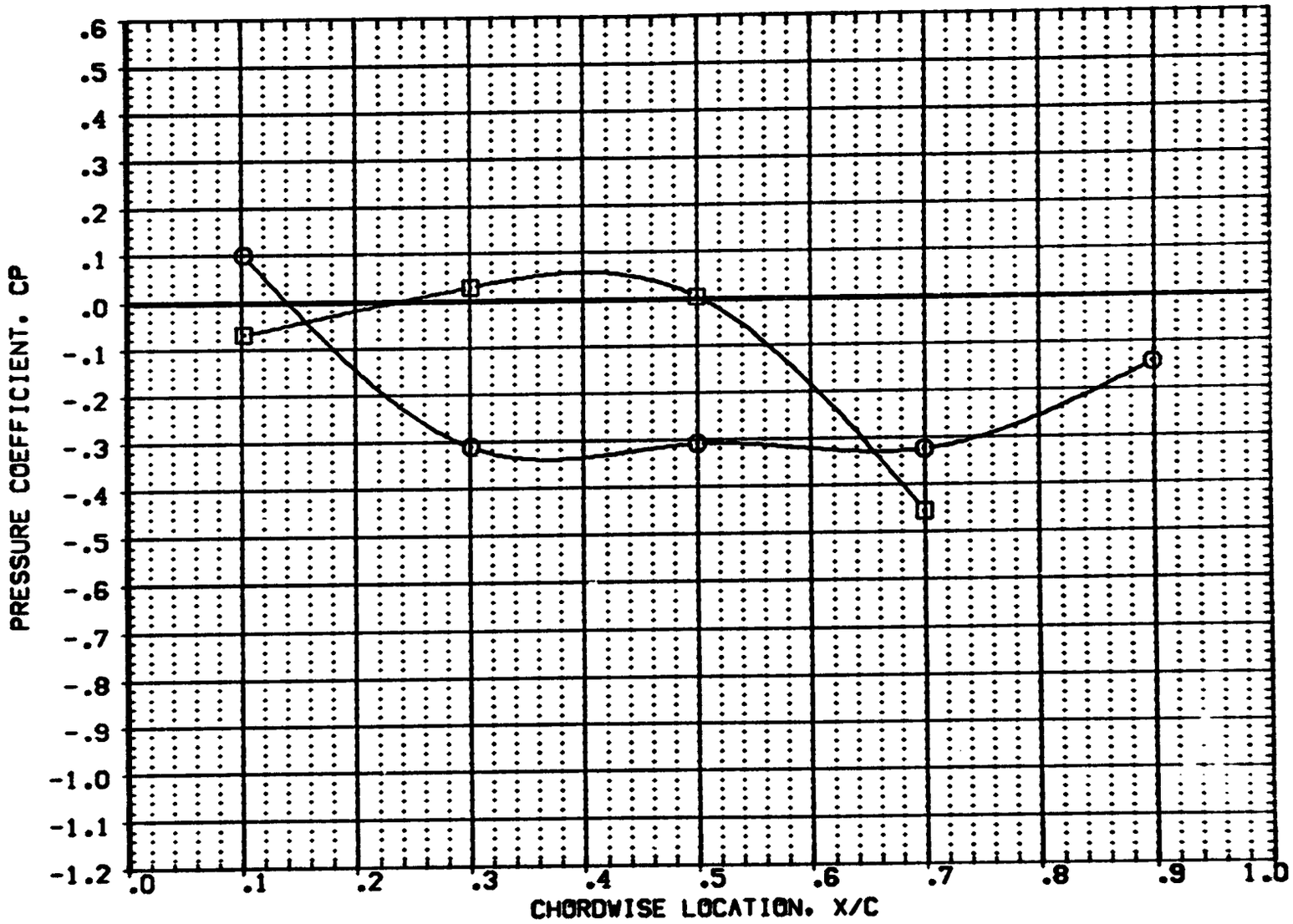

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.5C

MACH = .896 ALPHA = -4.000 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4U02) ○	IA6B C1 F1	UPPER WING SURFACE .000
(RF4L02) □	IA6B C1 F1	LOWER WING SURFACE .000

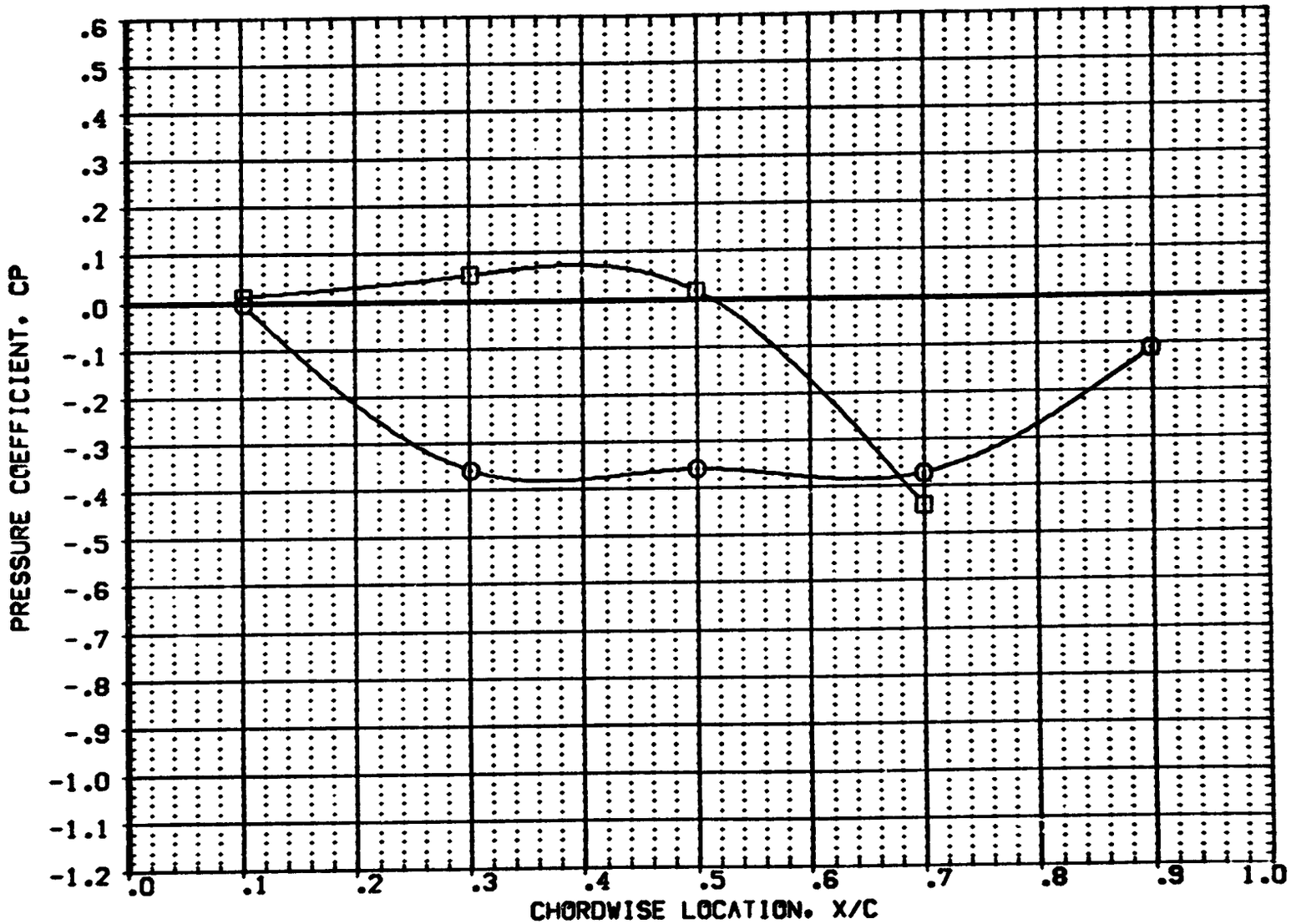

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .896 ALPHA = -2.000 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02)	IASB C1 F1	UPPER WING SURFACE .000
(RF4L02)	IASB C1 F1	LOWER WING SURFACE .000

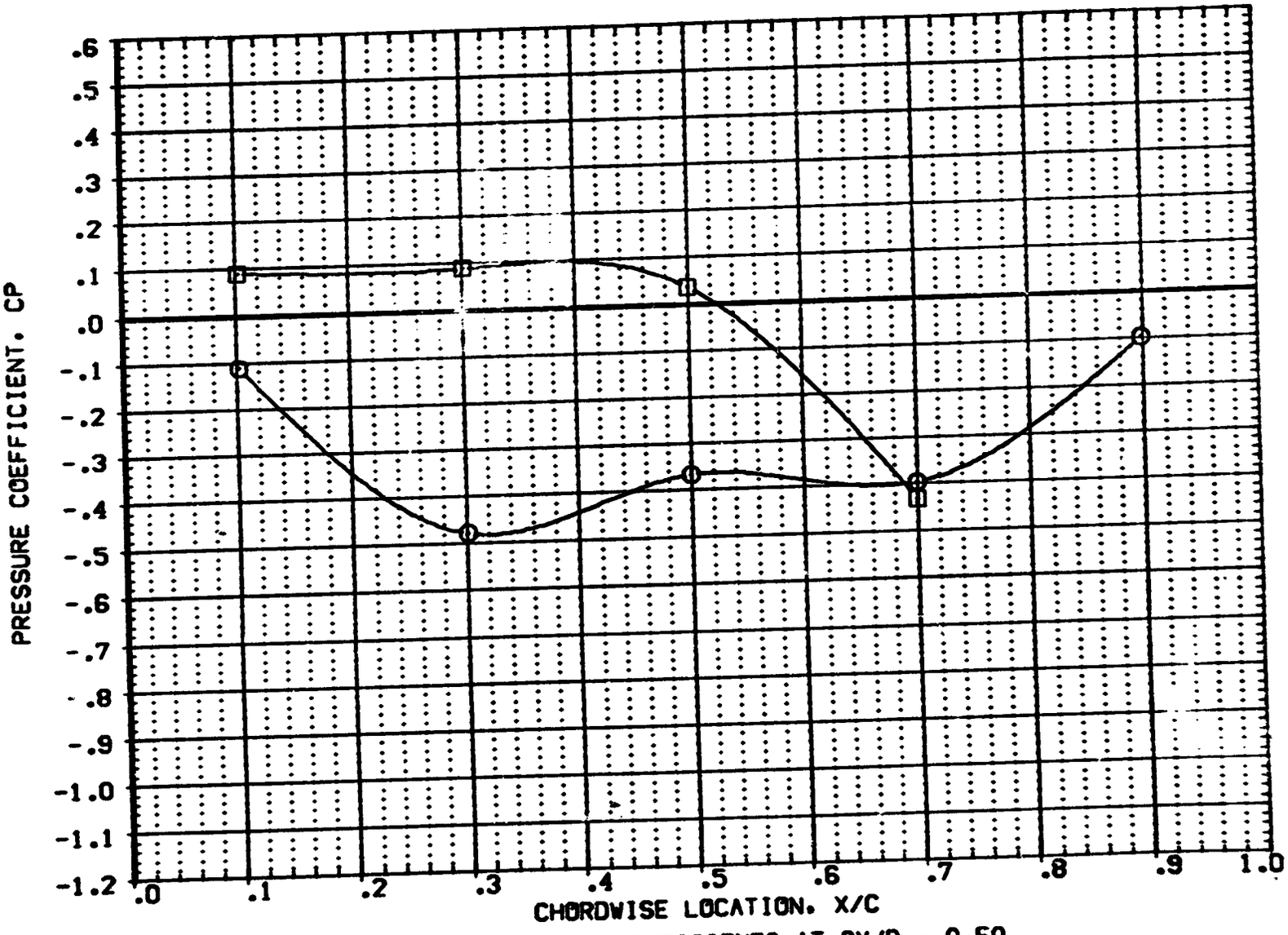

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .896 ALPHA = -.090 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4L02)	IA6B C1 F1	UPPER WING SURFACE	.000
(RF4L02)	IA6B C1 F1	LOWER WING SURFACE	.000

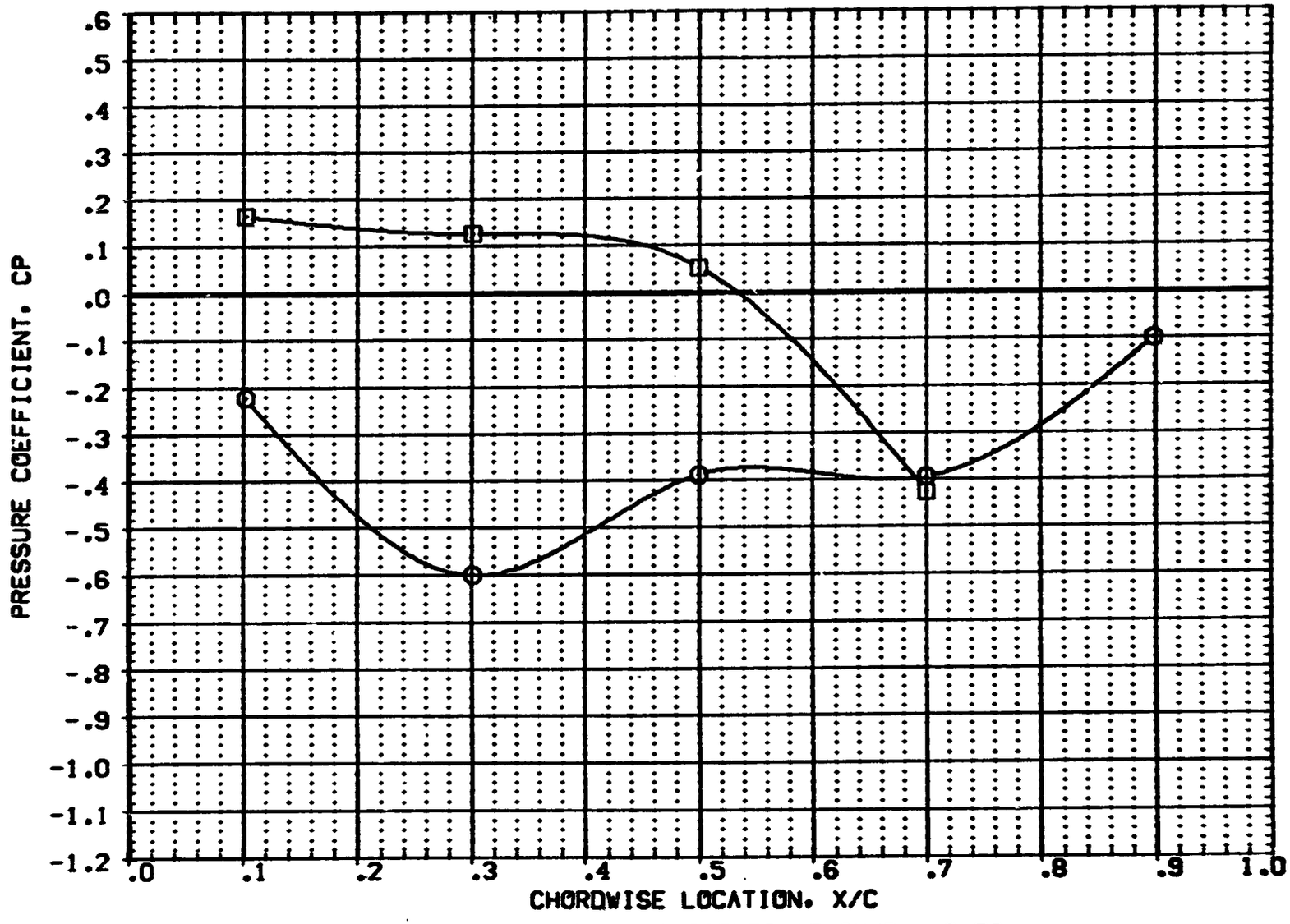

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .896 ALPHA = 1.800 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[RF4L02]	○	IA6B C1 F1	
[RF4L02]	□	IA6B C1 F1	
		UPPER WING SURFACE	.000
		LOWER WING SURFACE	.000

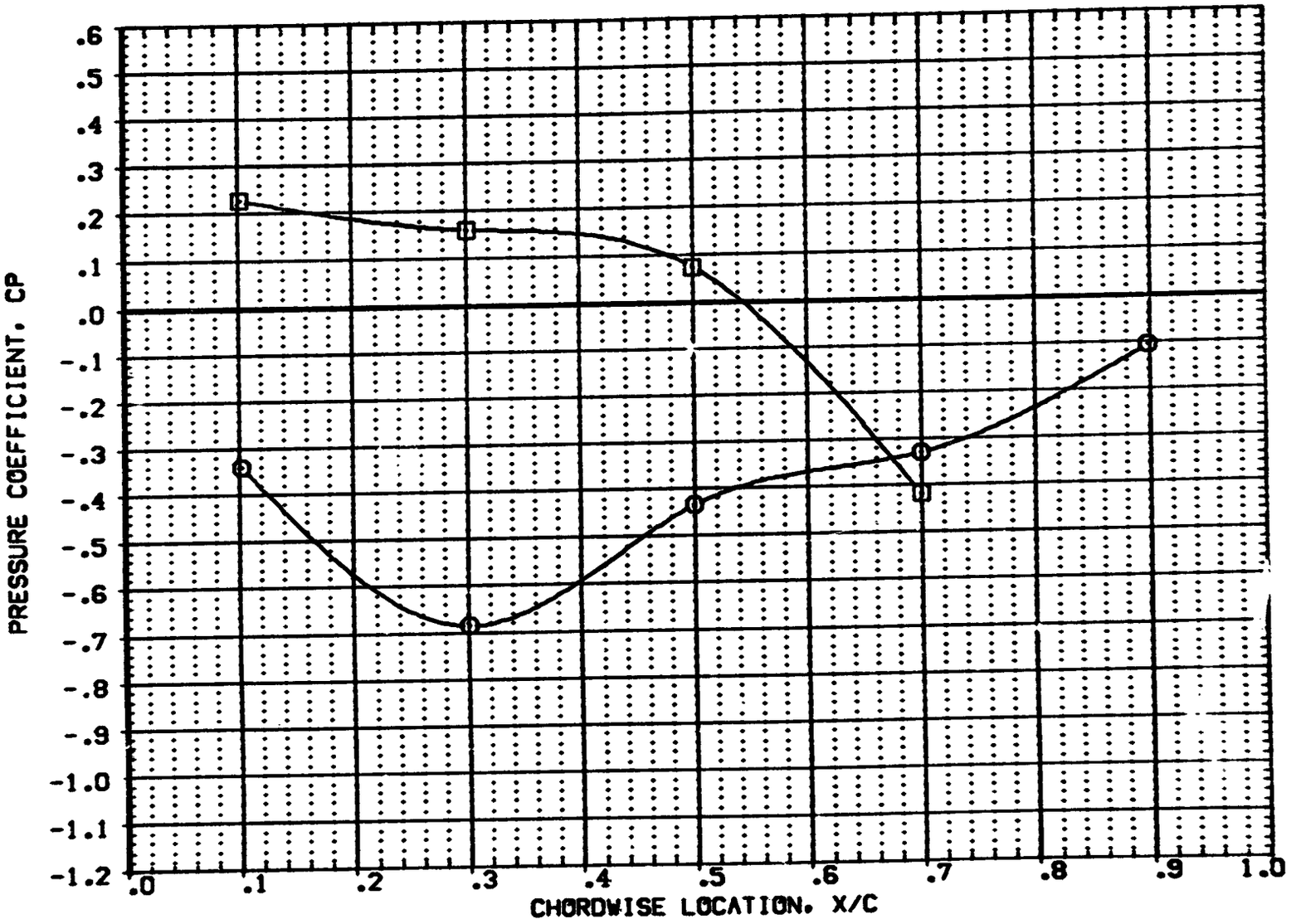

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .896 ALPHA = 3.670 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4L02)	○	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	□	IASB C1 F1	LOWER WING SURFACE	.000

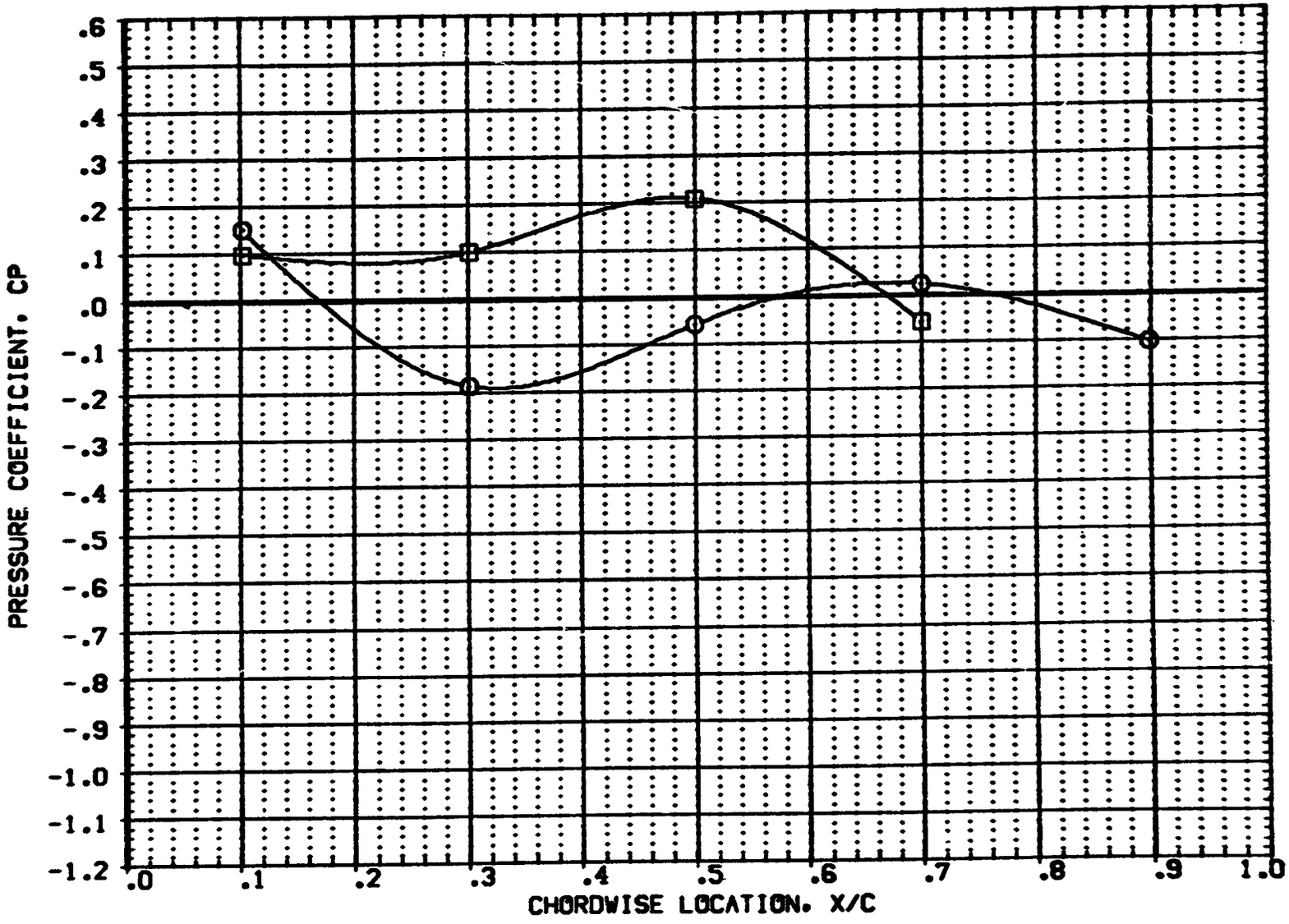

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 ALPHA = -3.910 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4U02)	IA6B C1 F1	UPPER WING SURFACE .000
(RF4L02)	IA6B C1 F1	LOWER WING SURFACE .000

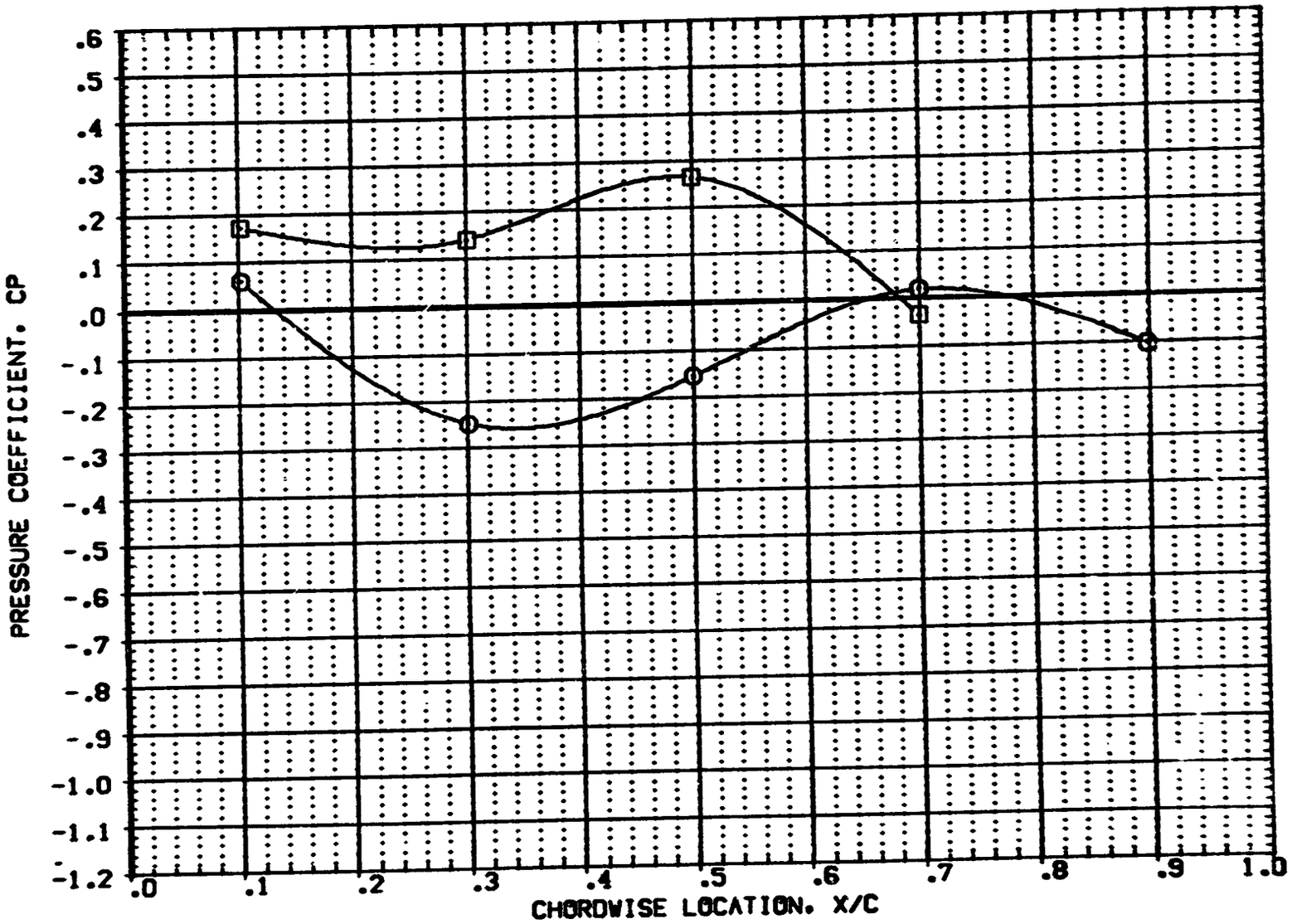

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 ALPHA = -1.830 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4U02)	○	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	□	IASB C1 F1	LOWER WING SURFACE	.000

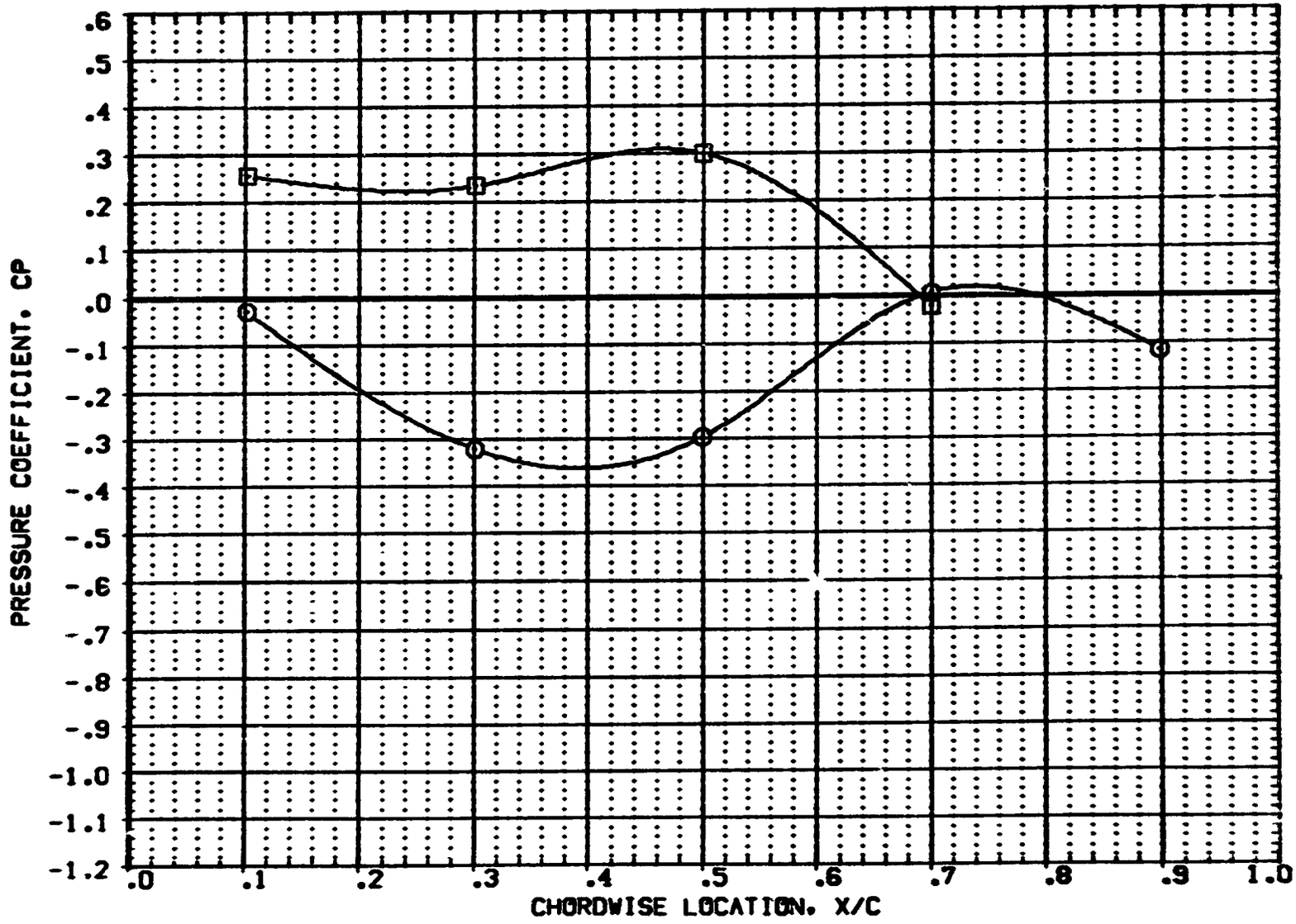

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 ALPHA = .150 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02) ○	IASB C1 F1	UPPER WING SURFACE .000
(RF4L02) □	IASB C1 F1	LOWER WING SURFACE .000

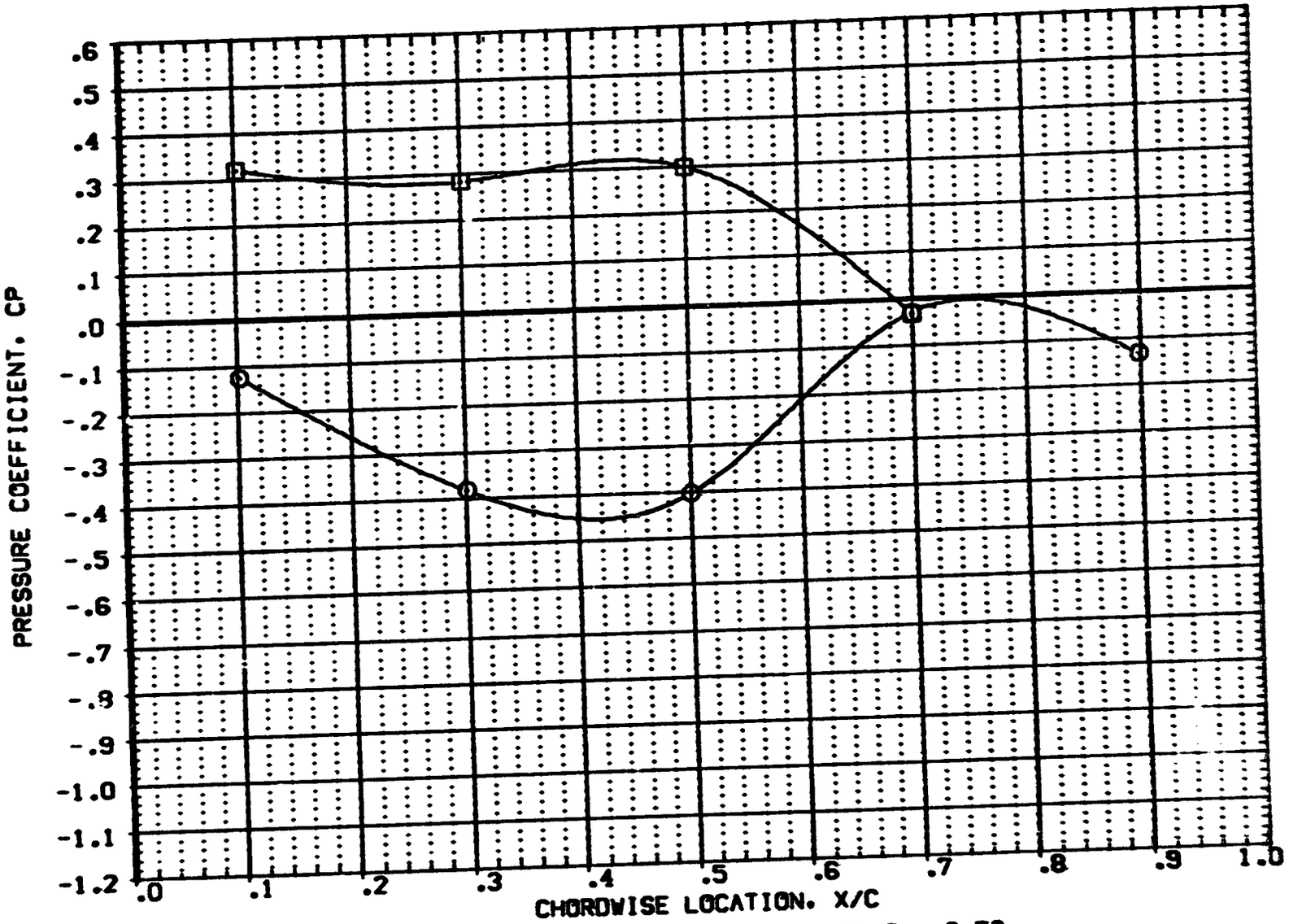

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 ALPHA = 2.120 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA	
(RF4L02)	8	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	8	IASB C1 F1	LOWER WING SURFACE	.000

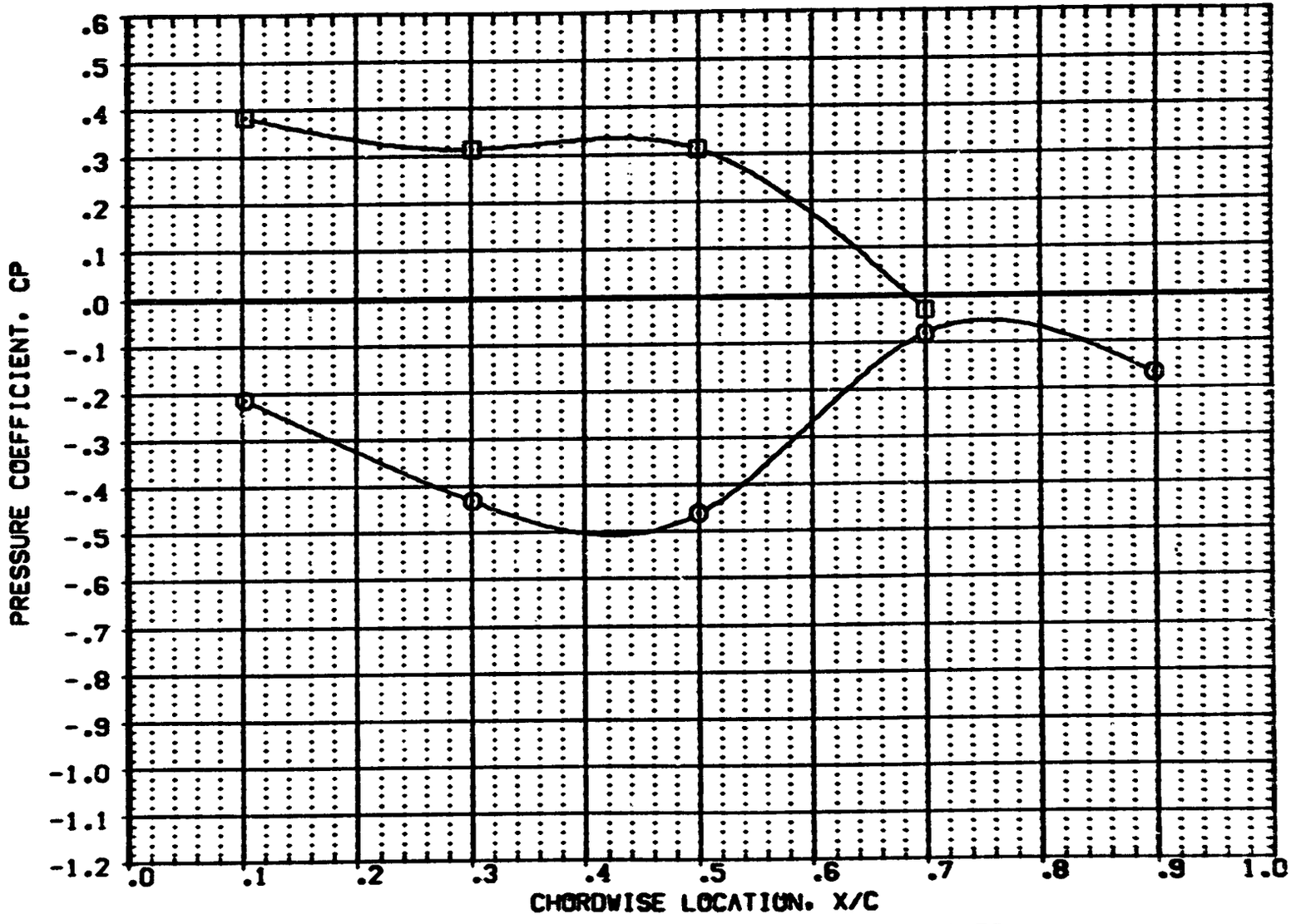

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 ALPHA = 4.030 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4L02)	○	IAGB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	□	IAGB C1 F1	LOWER WING SURFACE	.000

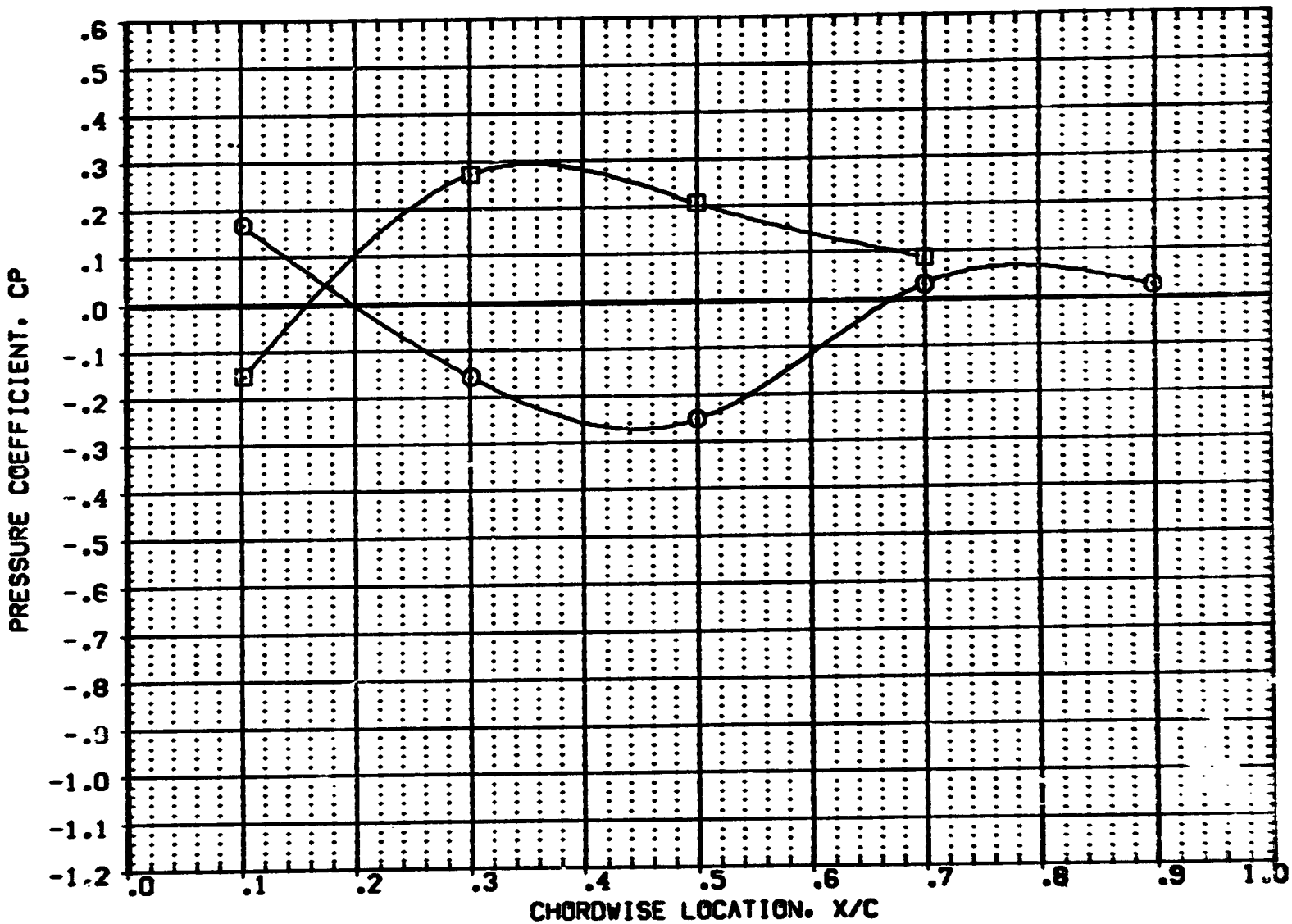

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 ALPHA = -3.890 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4U02)	⊡	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	⊟	IASB C1 F1	LOWER WING SURFACE	.000

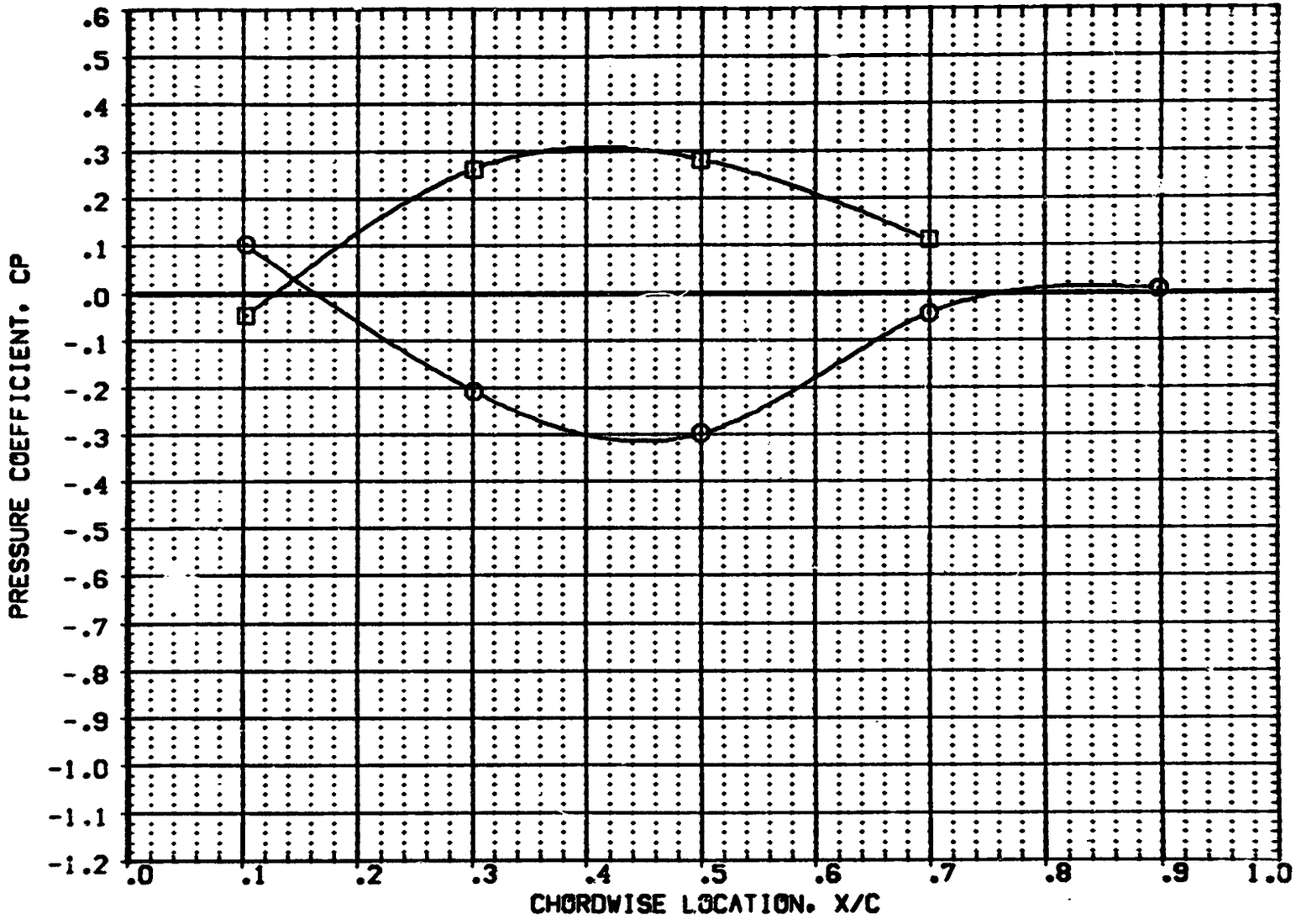

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 ALPHA = -1.690 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(RF4L02)	○	IA68 C1 F1	UPPER WING SURFACE .000
(RF4L02)	□	IA68 C1 F1	LOWER WING SURFACE .000

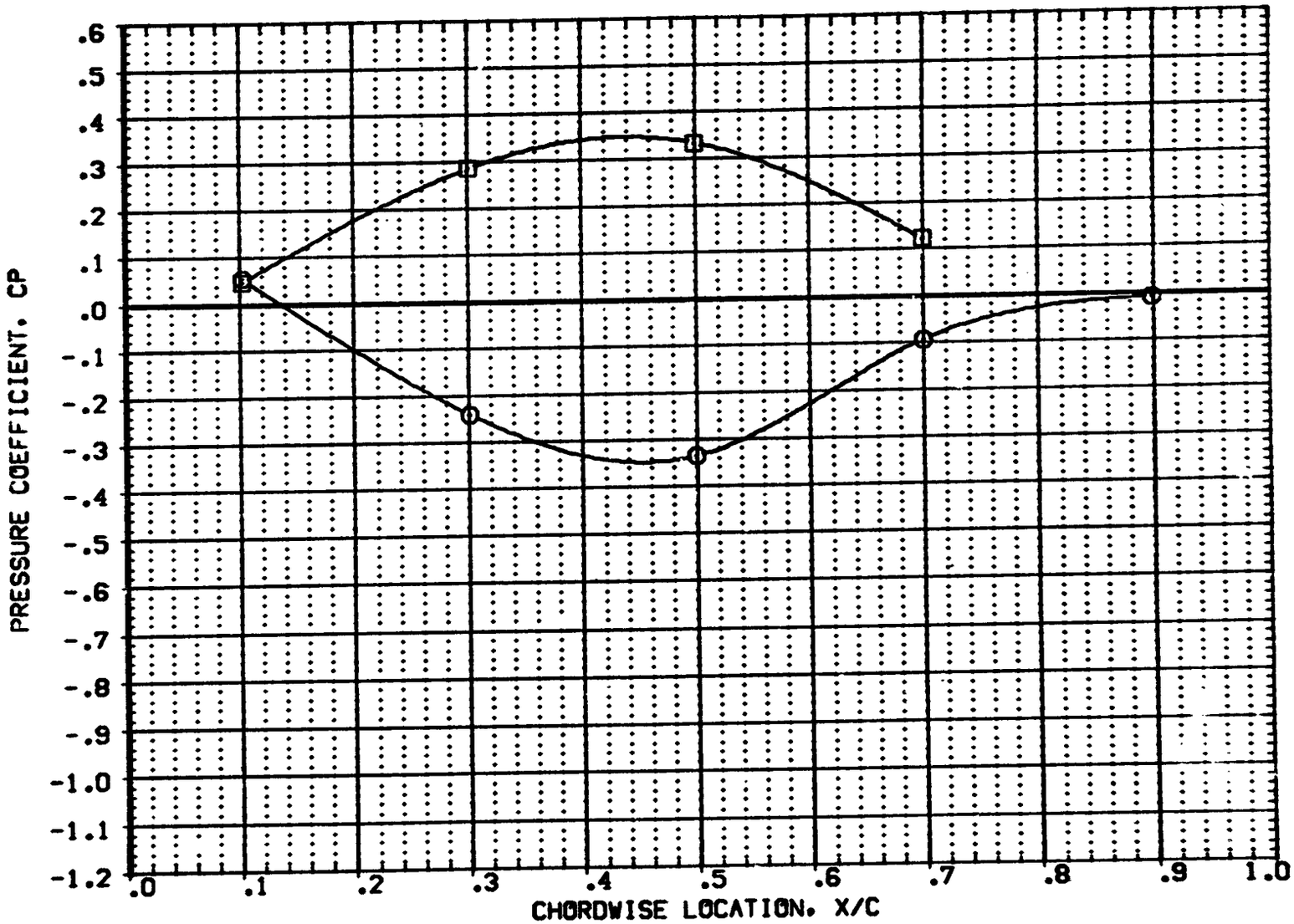

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 ALPHA = .120 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4L02)		AGB C1 F1	UPPER WING SURFACE	.000
(RF4L02)		AGB C1 F1	LOWER WING SURFACE	.000

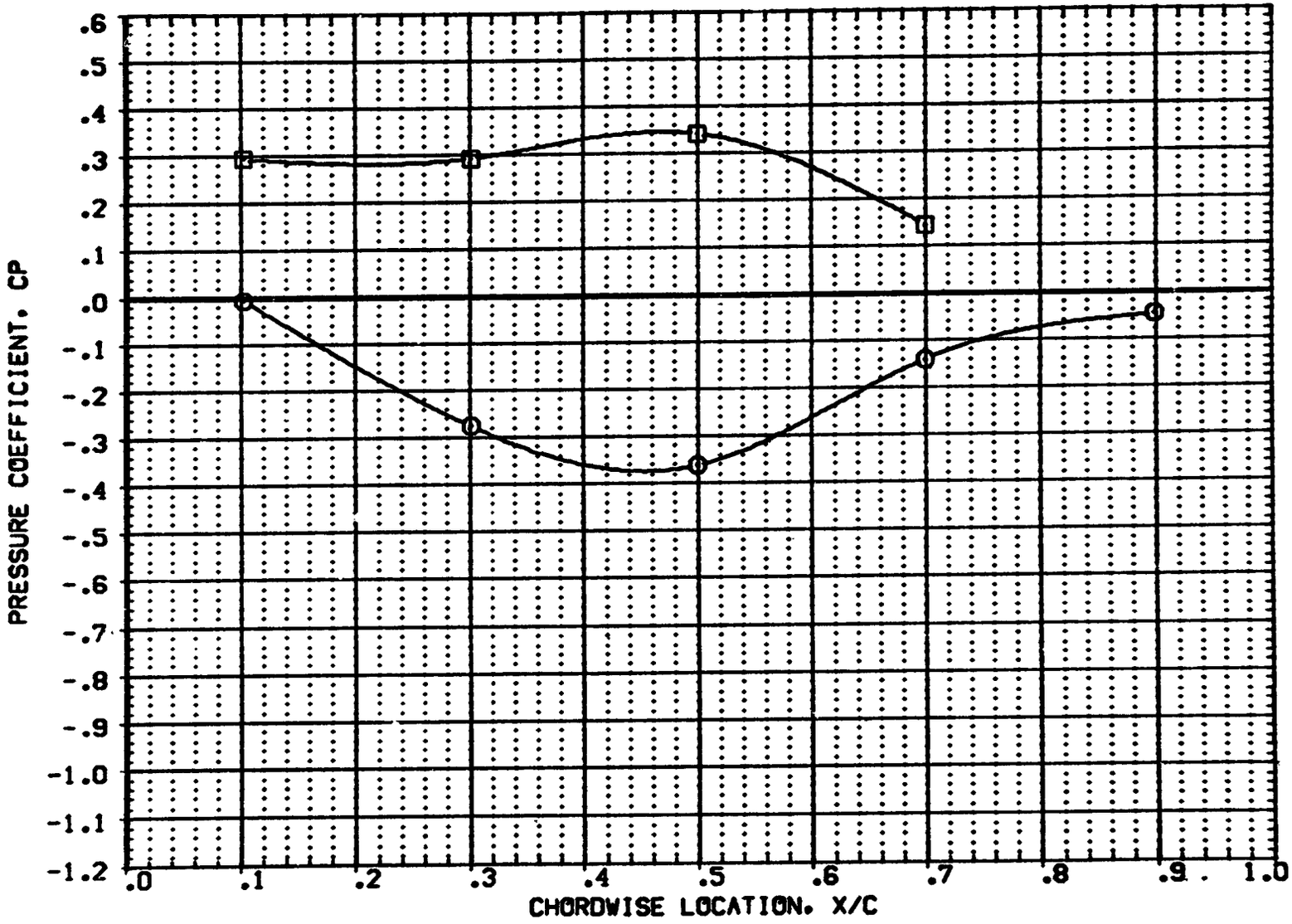

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 ALPHA = 2.010 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02) ○	AGB C1 F1	UPPER WING SURFACE .000
(RF4L02) □	AGB C1 F1	LOWER WING SURFACE .000

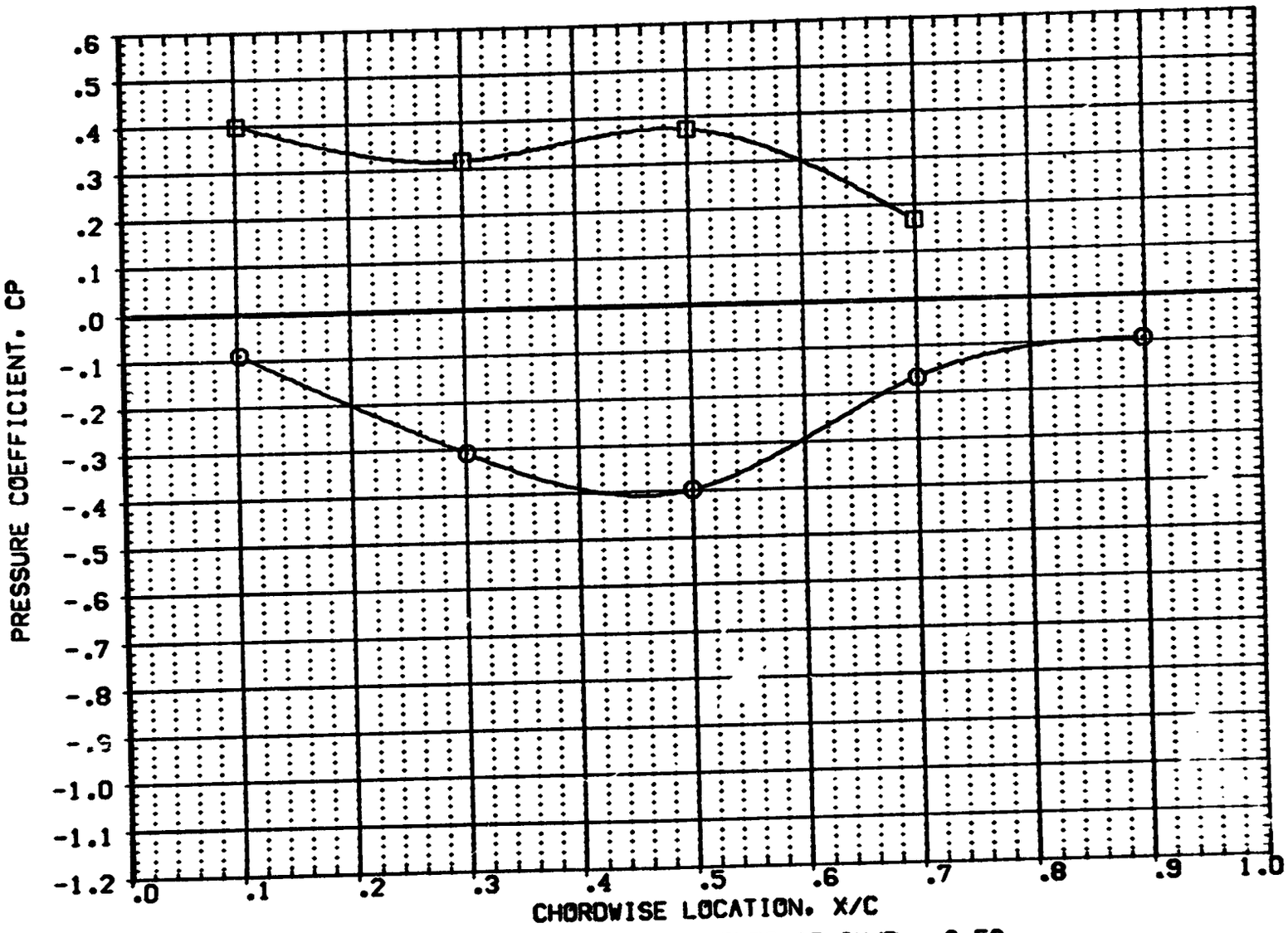

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 ALPHA = 3.950 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		BETA
(RF4L02)	○	1A68 C1 F1	UPPER WING SURFACE	.000
(RF4L02)	□	1A68 C1 F1	LOWER WING SURFACE	.000

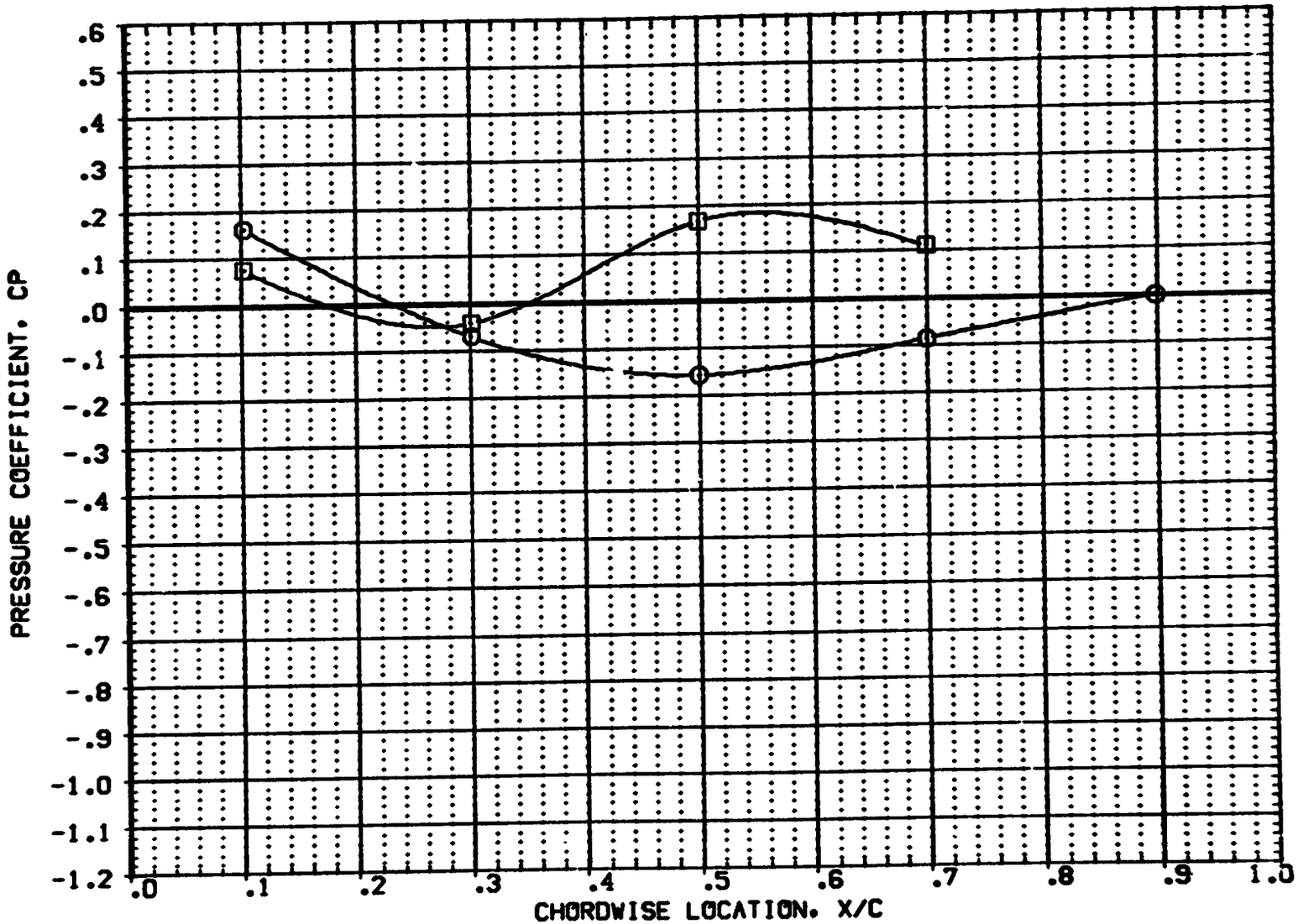

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 ALPHA = -3.770 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4U02)	IA68 C1 F1	UPPER WING SURFACE .000
(RF4L02)	IA68 C1 F1	LOWER WING SURFACE .000

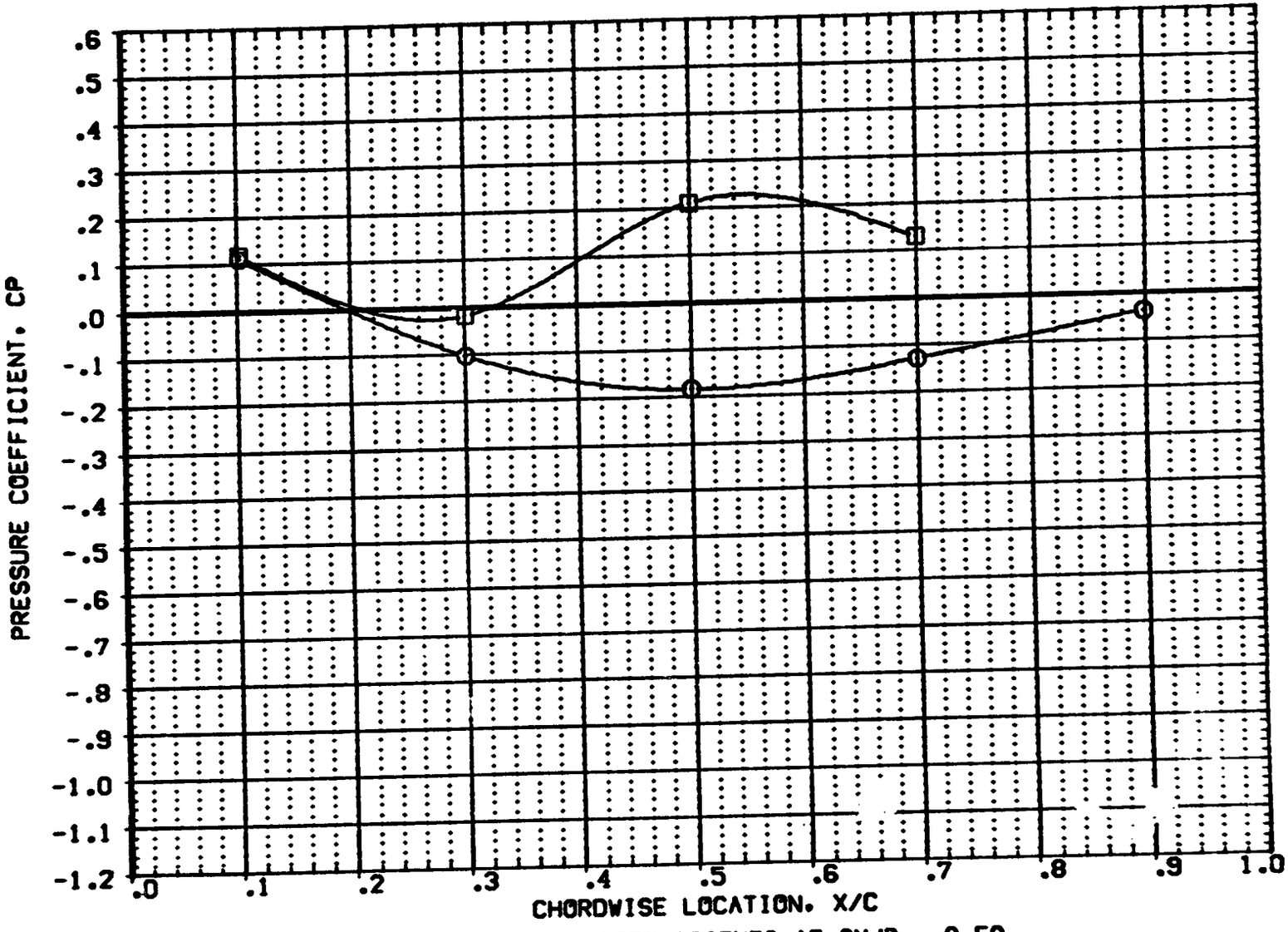

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 ALPHA = -1.960 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02)	○	IAGB C1 F1	UPPER WING SURFACE .000
(RF4L02)	□	IAGB C1 F1	LOWER WING SURFACE .000

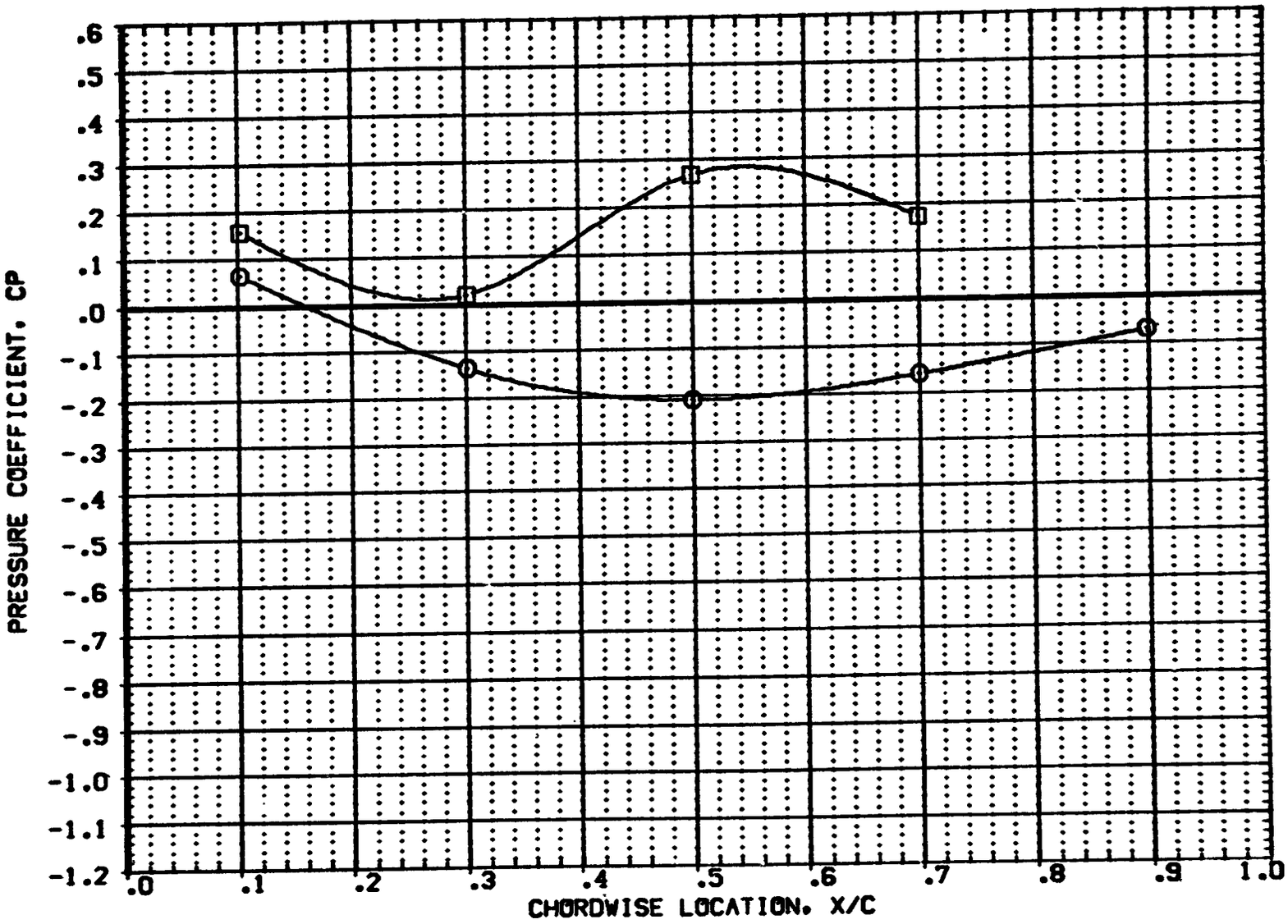

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 ALPHA = .020 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02)	IASB C1 F1	UPPER WING SURFACE .000
(RF4L02)	IASB C1 F1	LOWER WING SURFACE .000

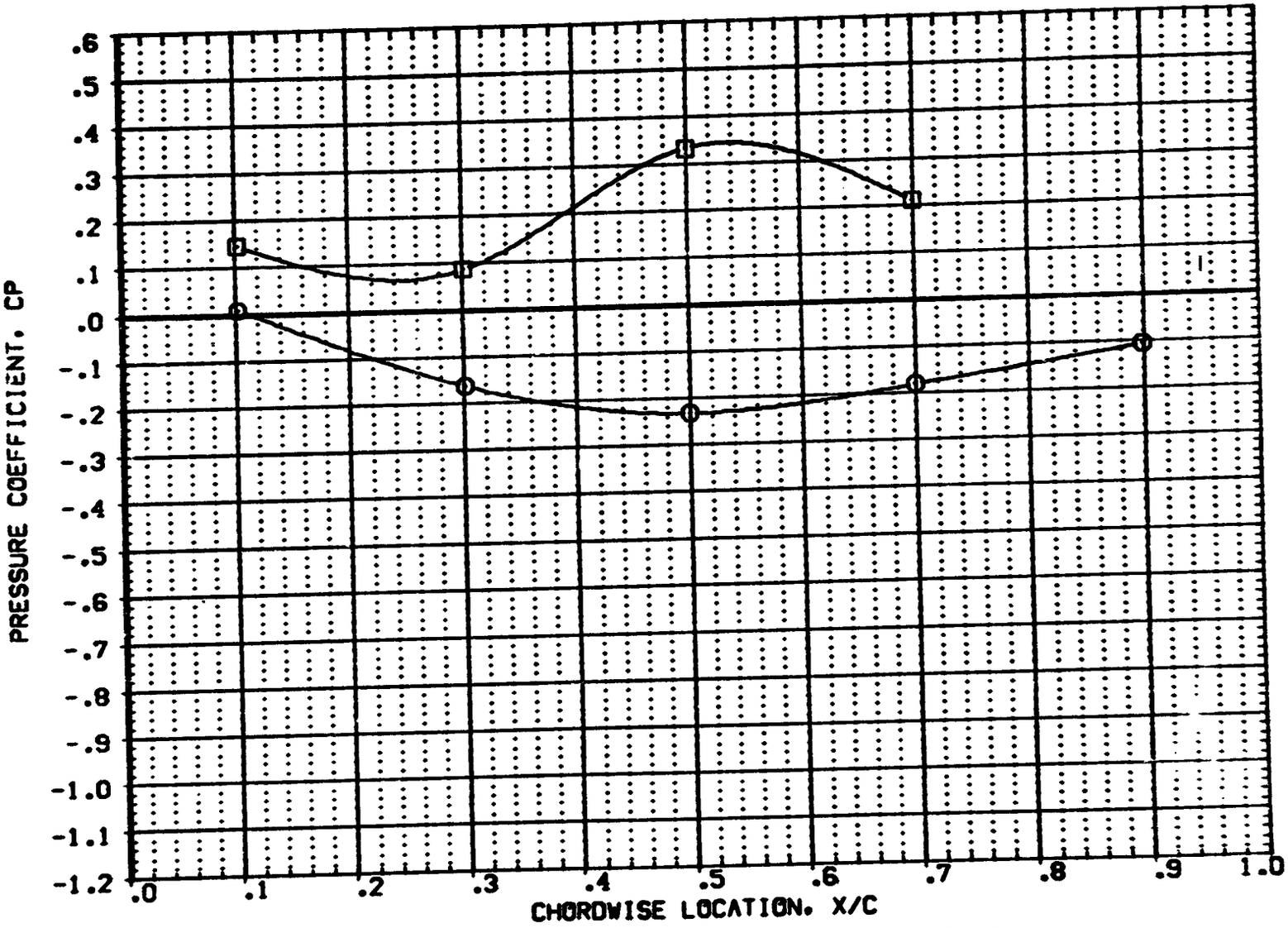

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 ALPHA = 2.050 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4L02)	○	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	□	IASB C1 F1	LOWER WING SURFACE	.000

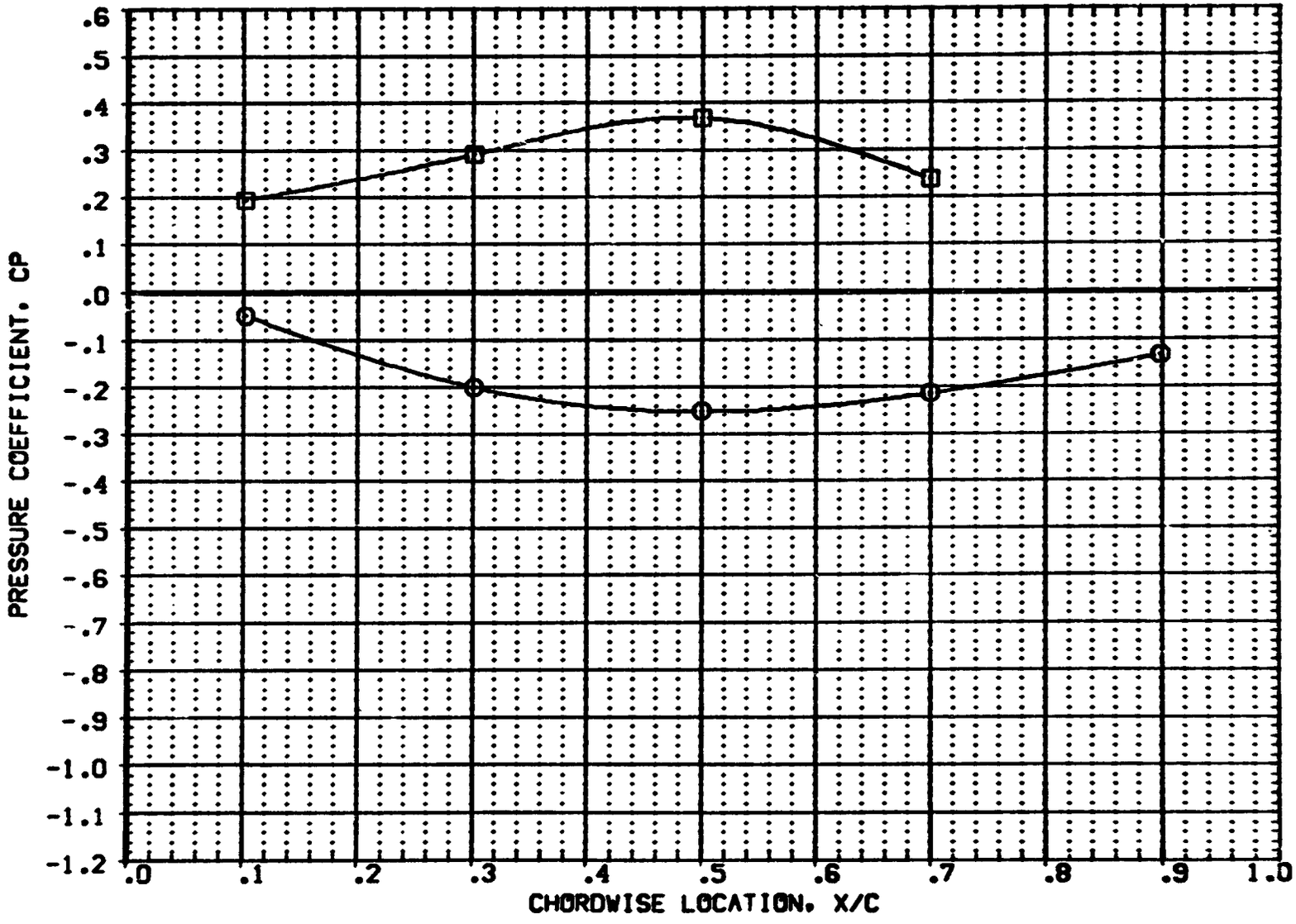

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 ALPHA = 4.050 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION			ALPHA
(RF4U03)	○	IASB	C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IASB	C1 F1	LOWER WING SURFACE	.000

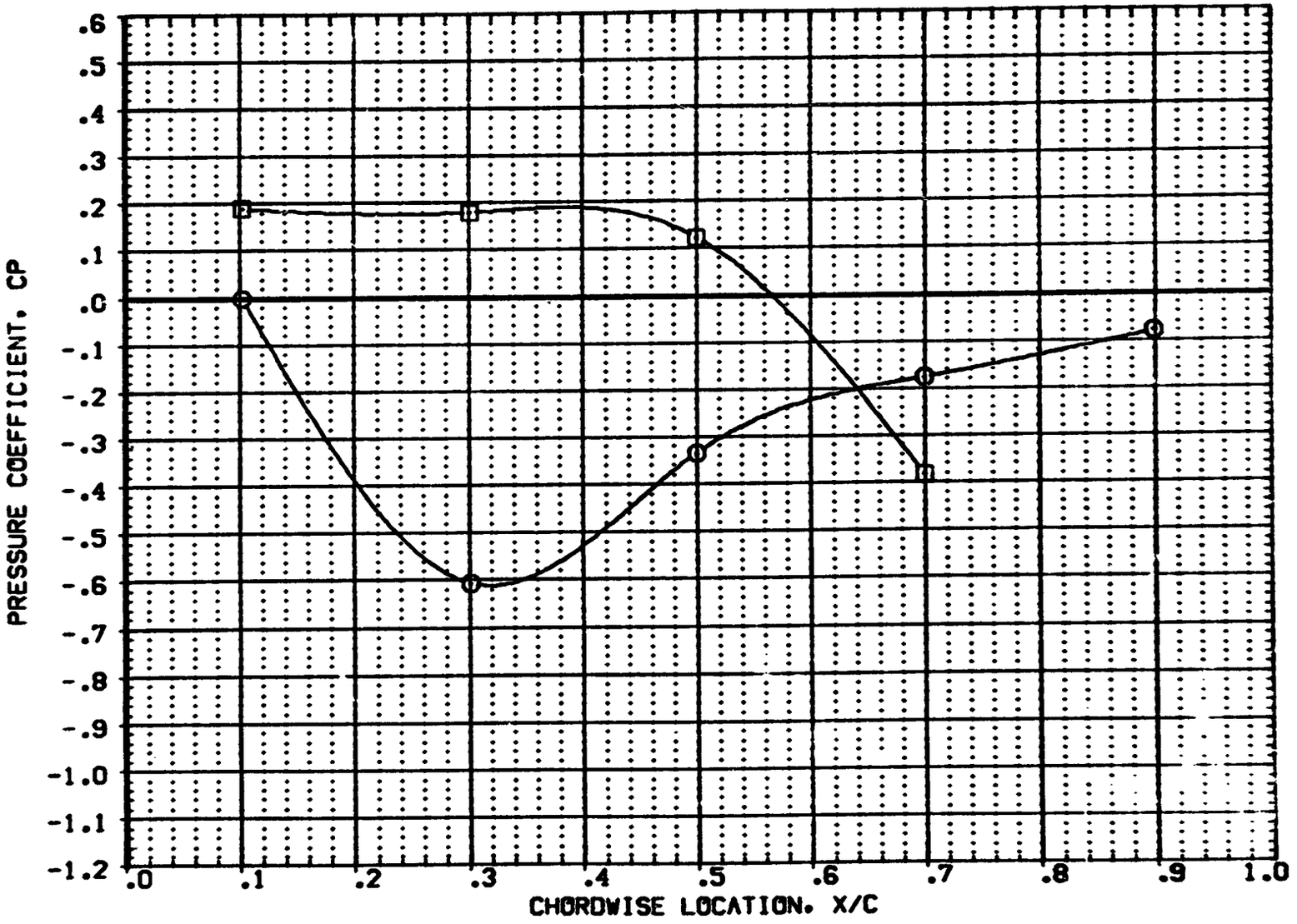

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .899 BETA = -3.750 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	○	IAGB C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IAGB C1 F1	LOWER WING SURFACE	.000

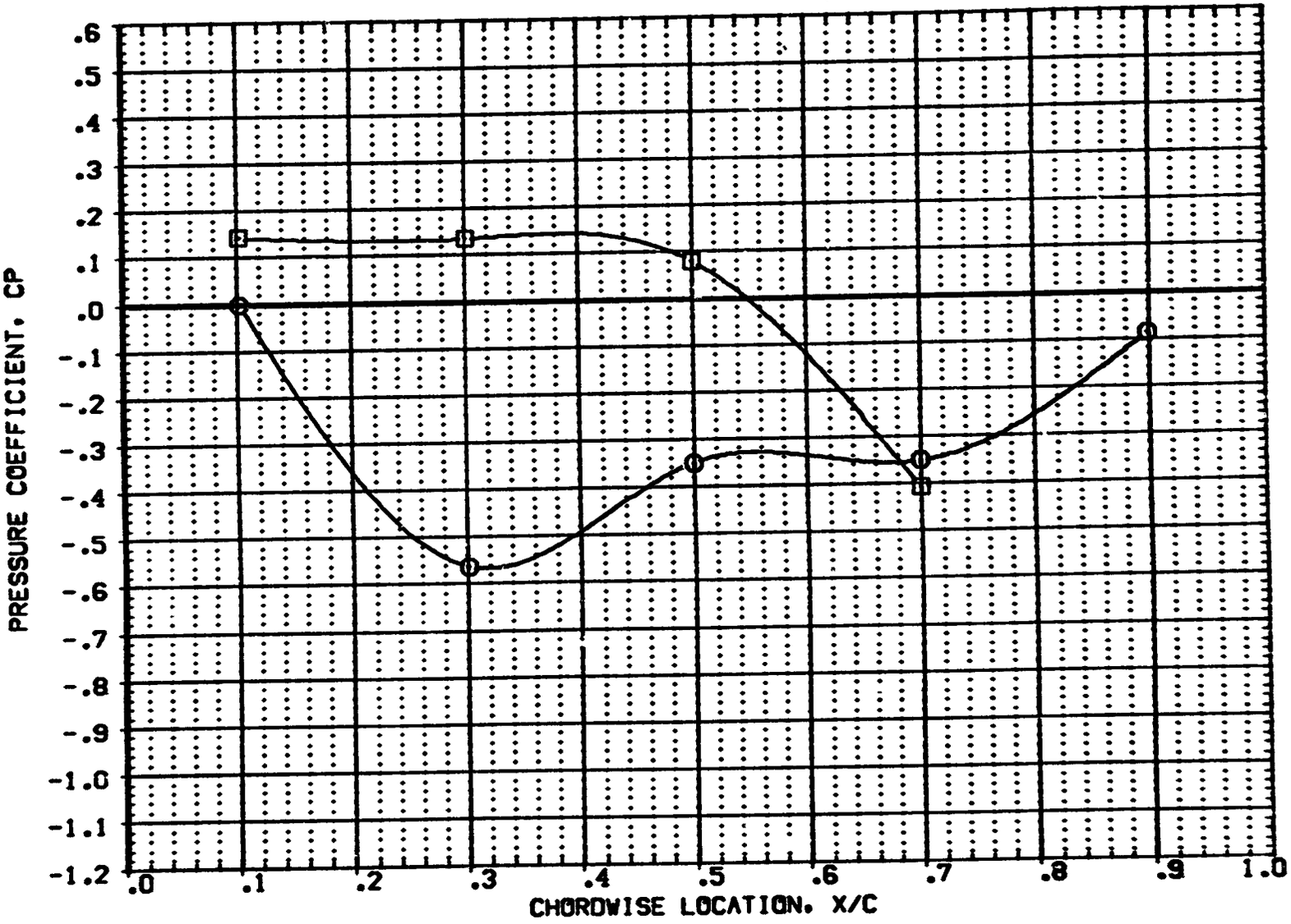

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .899 BETA = -1.860 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03) ○	IA6B C1 F1	UPPER WING SURFACE	.000
(RF4L03) □	IA6B C1 F1	LOWER WING SURFACE	.000

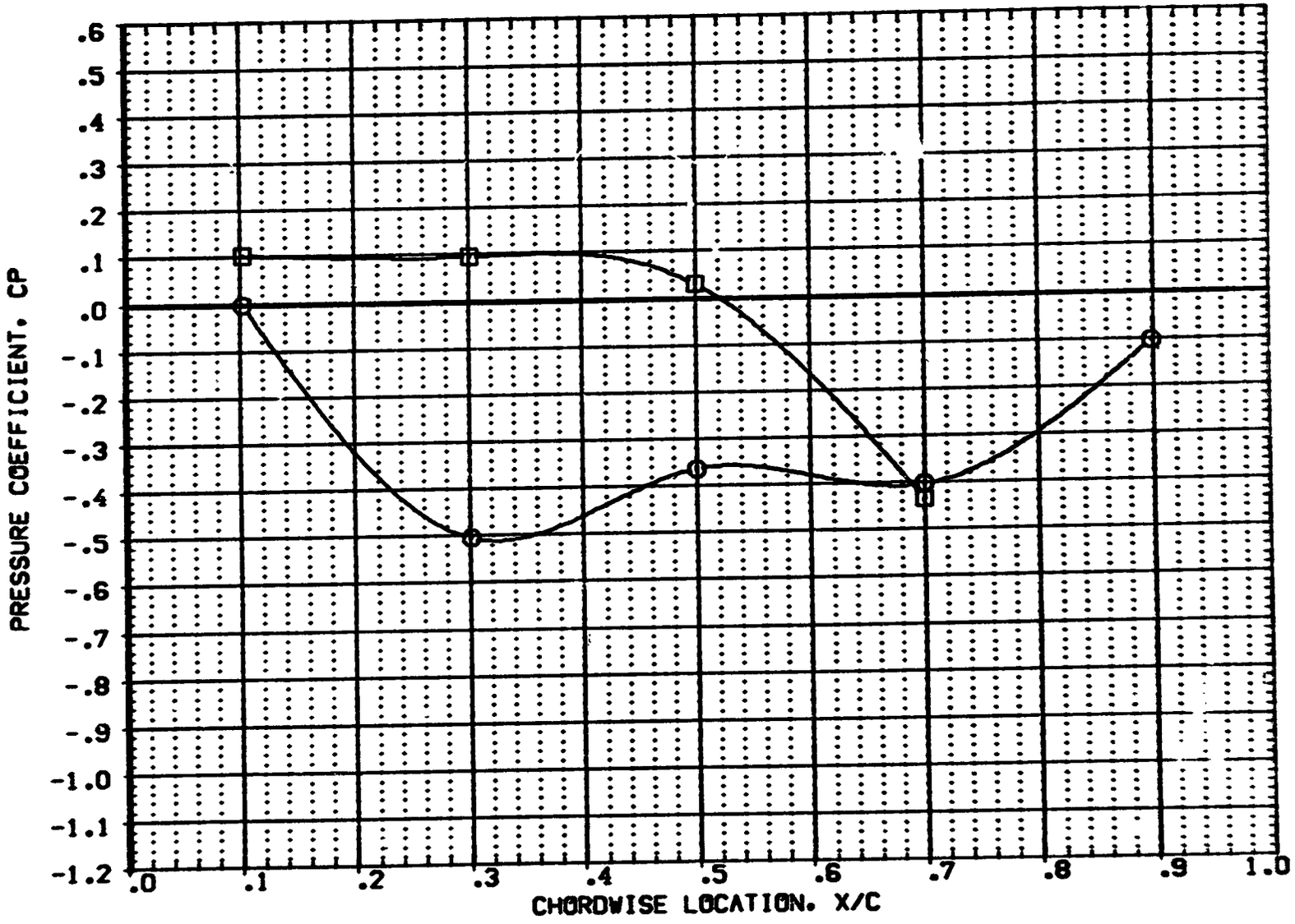

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .899 BETA = .050 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	○	1AGB C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	1AGB C1 F1	LOWER WING SURFACE	.000

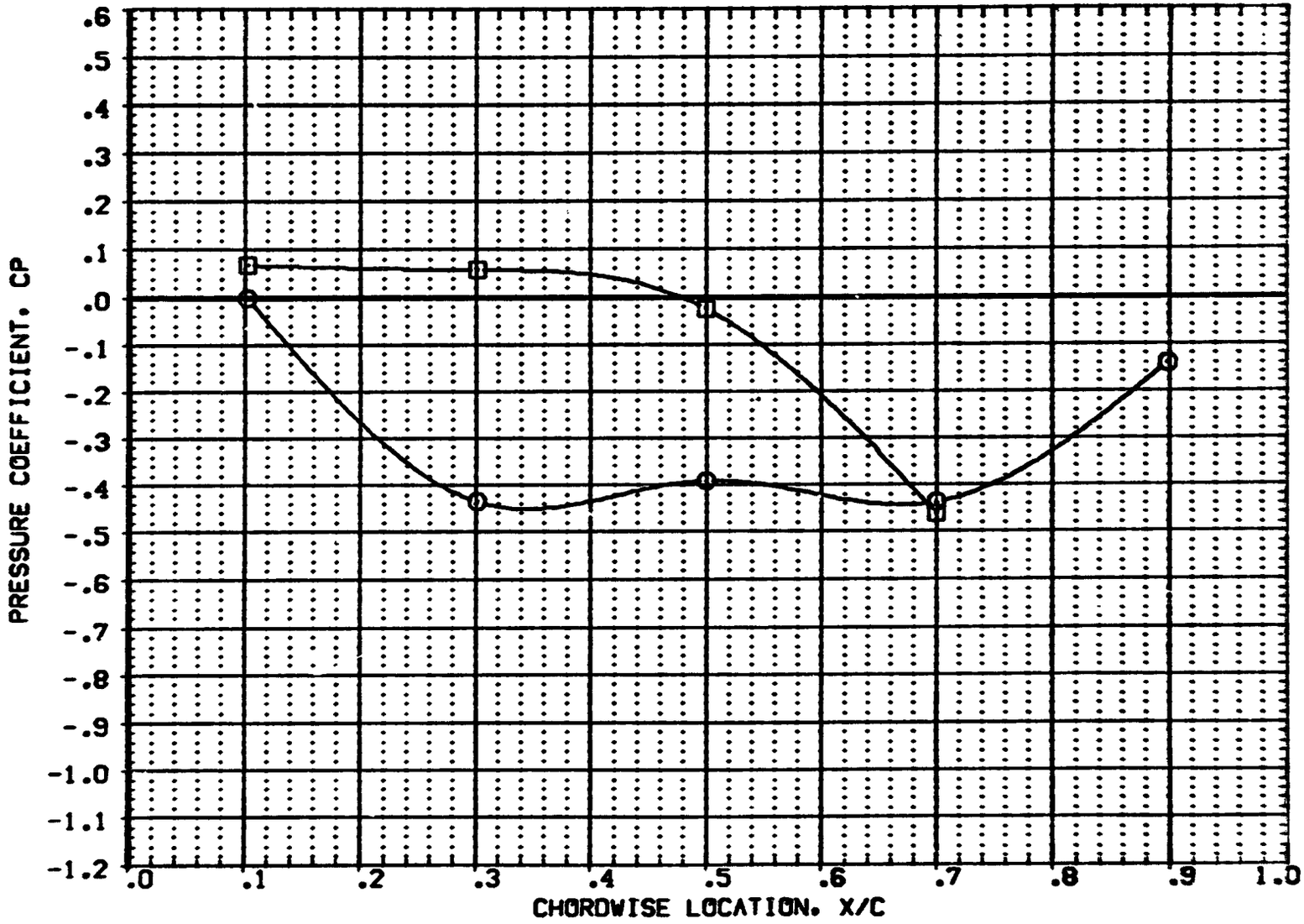

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .899 BETA = 1.970 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ALPHA
(RF4U03)	○	IA6B C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IA6B C1 F1	LOWER WING SURFACE	.000

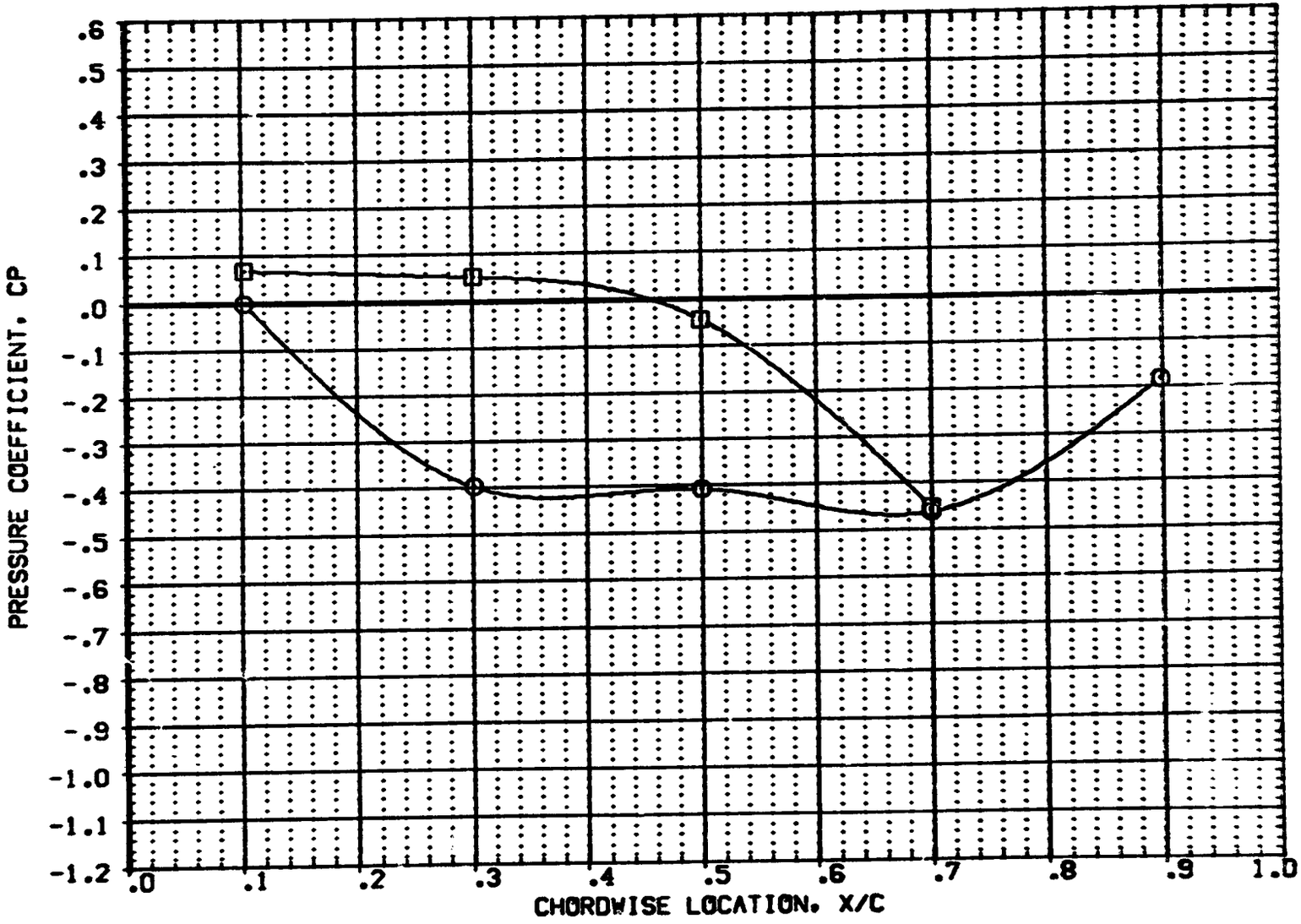

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = .899 BETA = 3.970 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4U03)	IA6B C1 F1	UPPER WING SURFACE	.000
(RF4L03)	IA6B C1 F1	LOWER WING SURFACE	.000

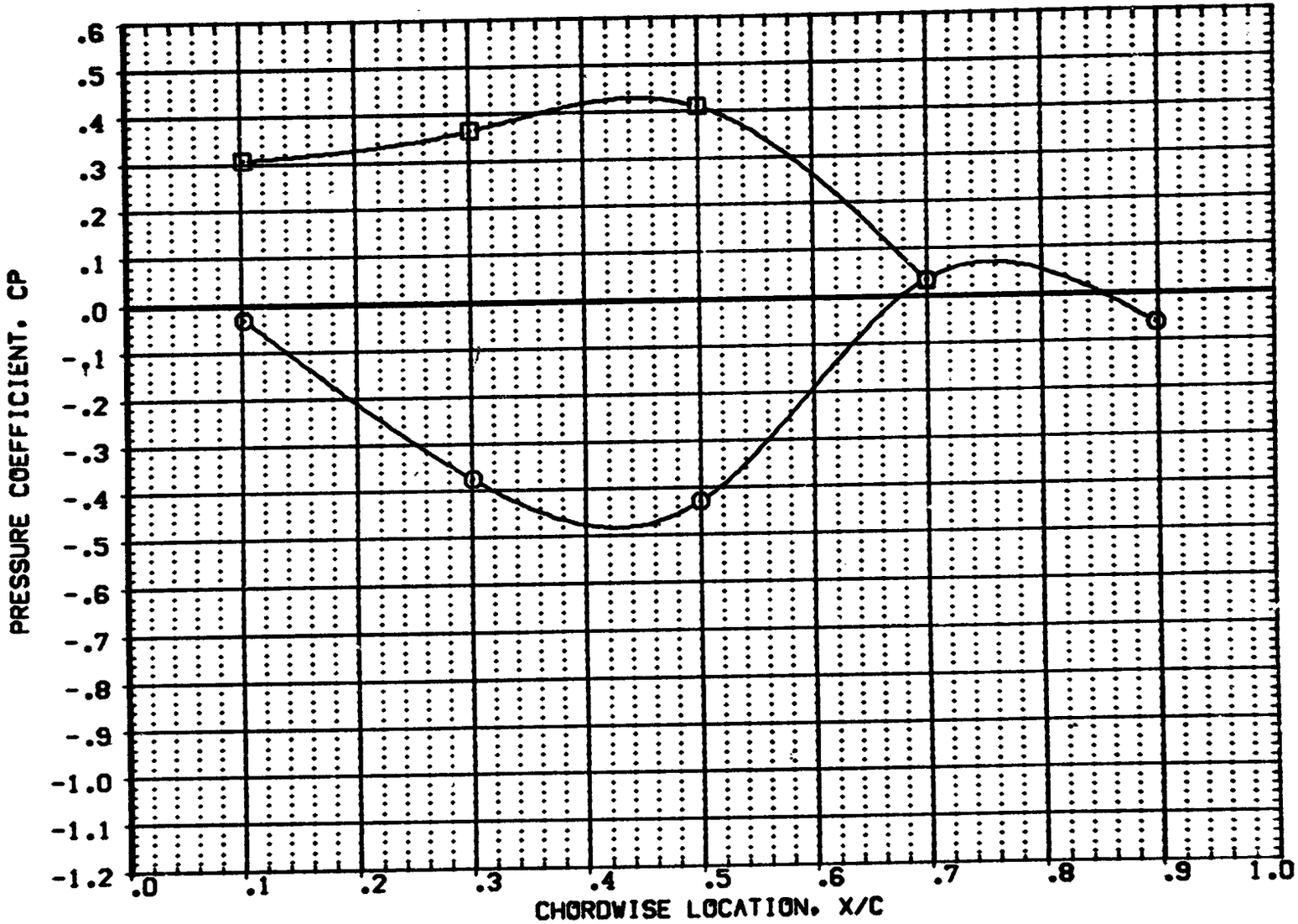

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 BETA = -3.850 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
[RF4L03]	[AGB C1 F1	UPPER WING SURFACE	.000
[RF4L03]	[AGB C1 F1	LOWER WING SURFACE	.000

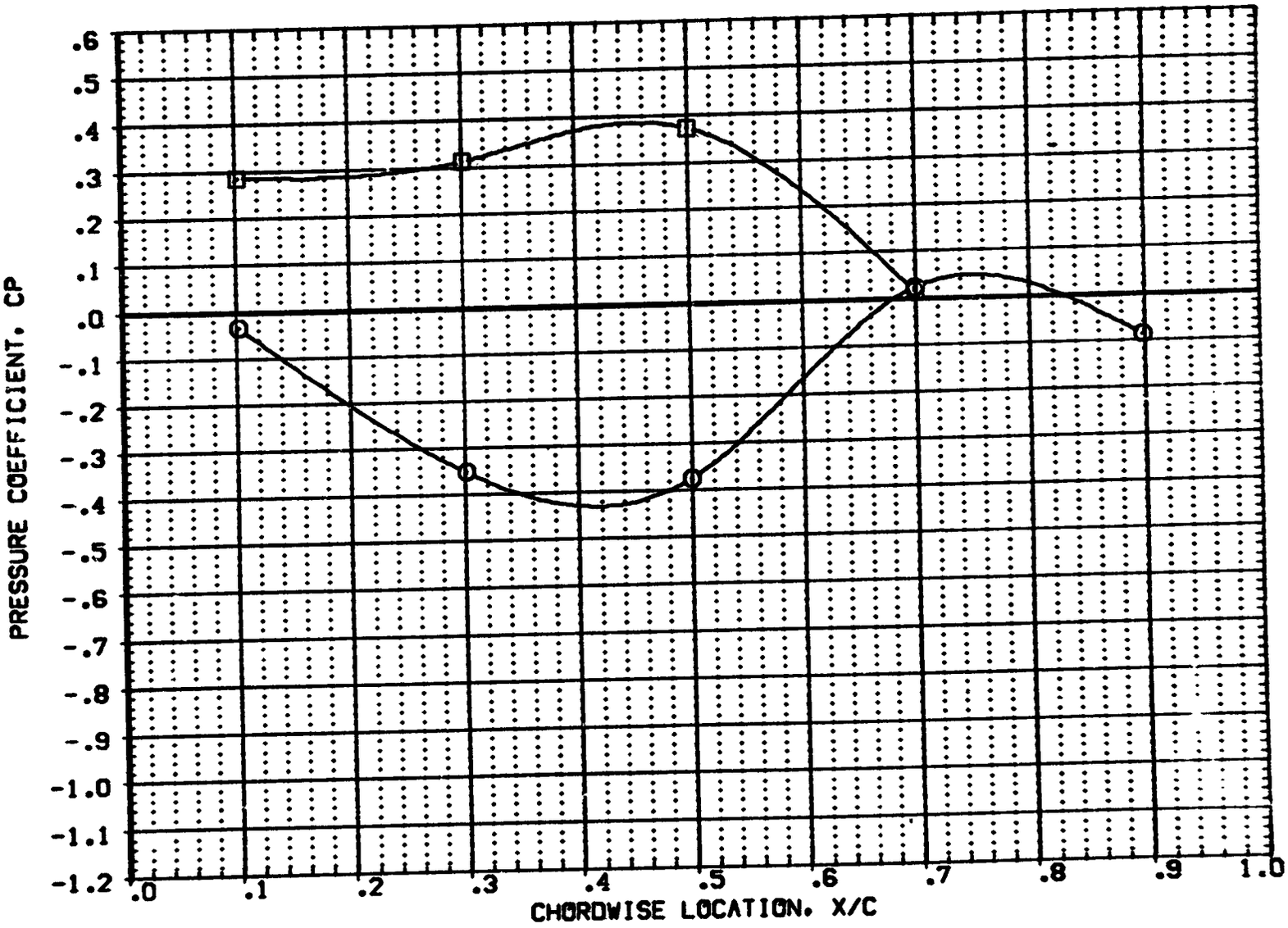

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 BETA = -1.900 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4U03)	WB	UPPER WING SURFACE	.000
(RF4L03)	WB	LOWER WING SURFACE	.000

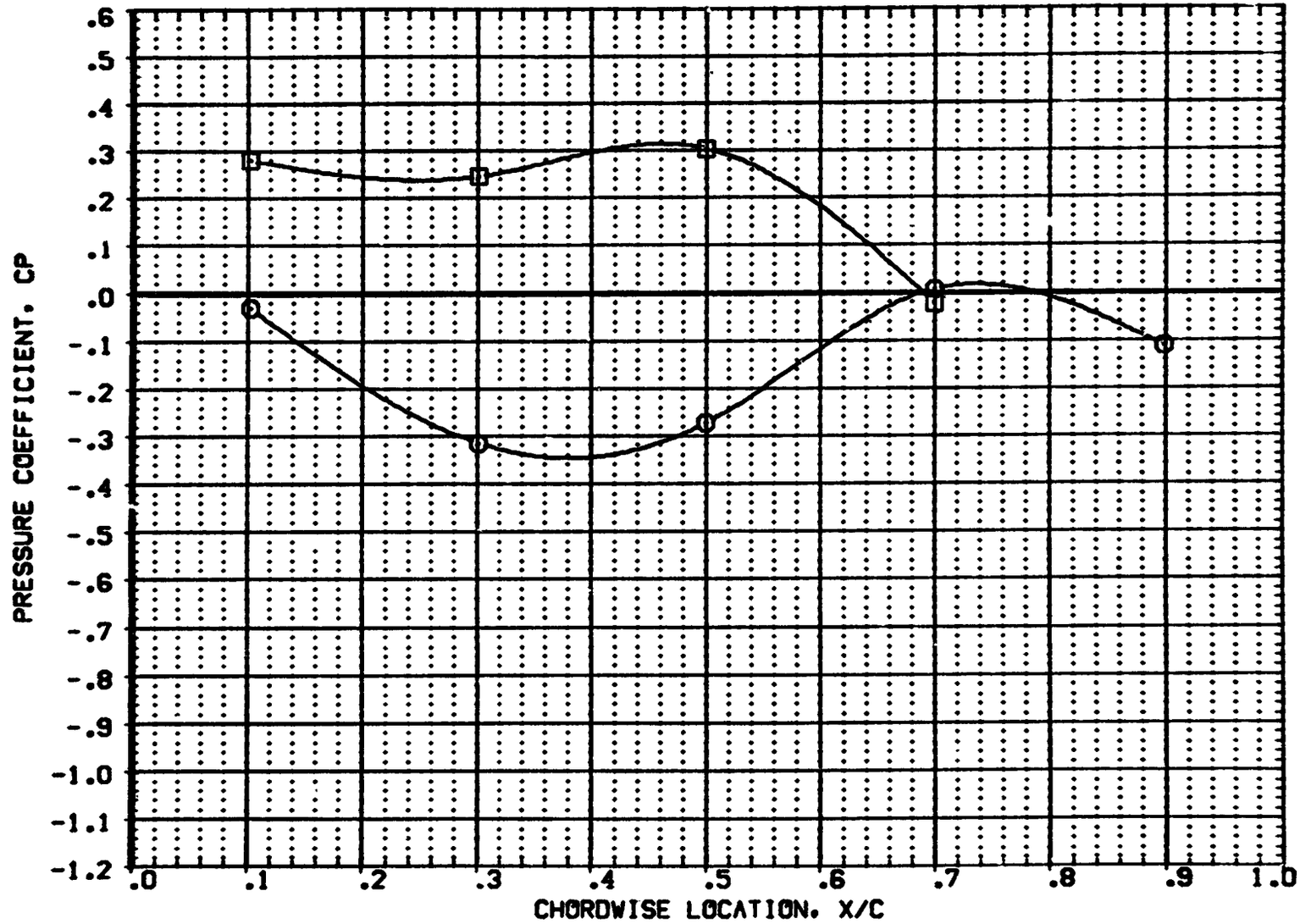

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 BETA = .000 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4U03)	8	IA6B C1 F1 UPPER WING SURFACE	.000
(RF4L03)	□	IA6B C1 F1 LOWER WING SURFACE	.000

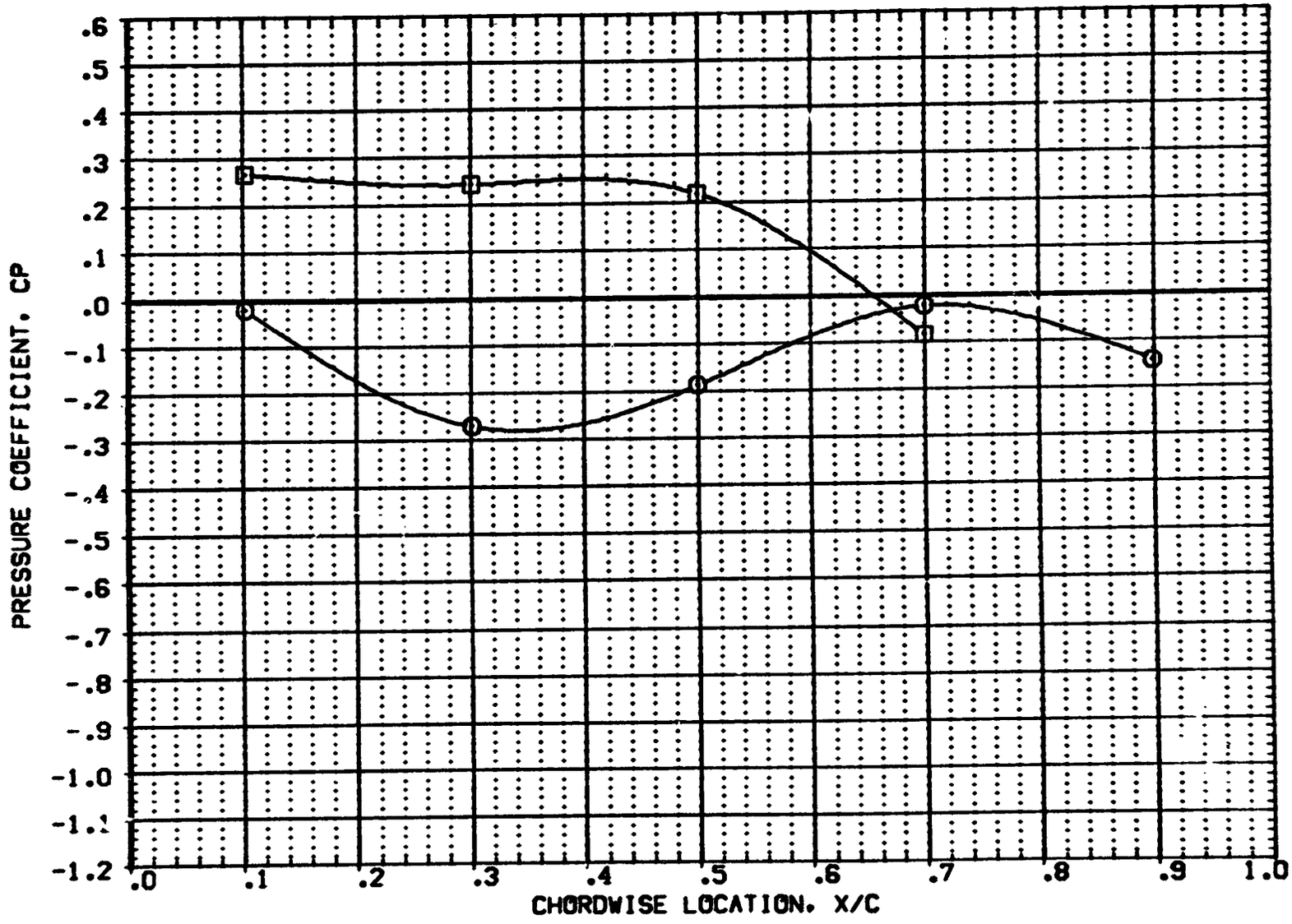

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 BETA = 1.900 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(RF4U03)	○	IA69 C1 F1 UPPER WING SURFACE	.000
(RF4L03)	□	IA69 C1 F1 LOWER WING SURFACE	.000

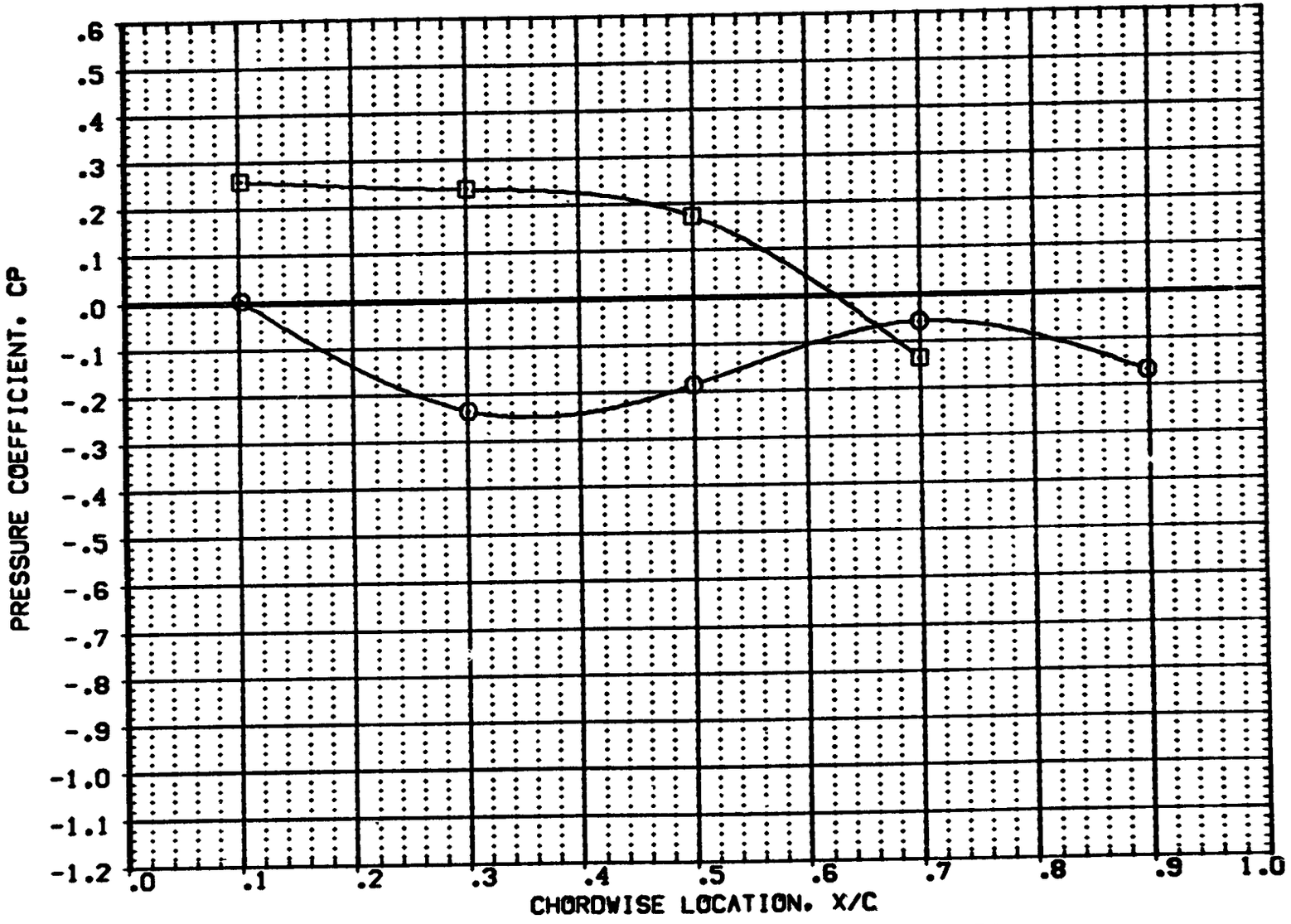

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.211 BETA = 3.920 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4LO3)	○	IA68 C1 F1	UPPER WING SURFACE	.000
(RF4LO3)	□	IA68 C1 F1	LOWER WING SURFACE	.000

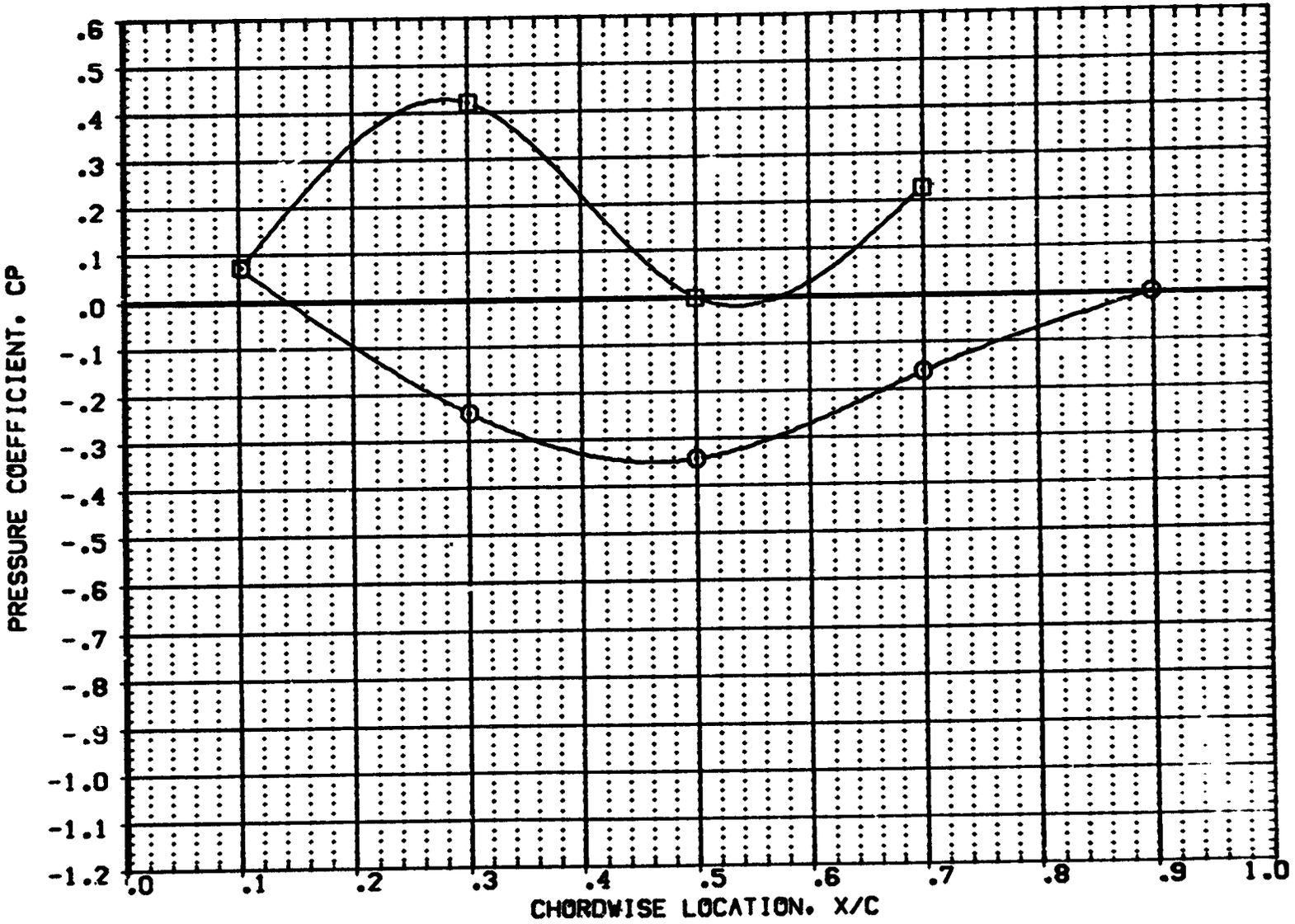

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 BETA = -3.910 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L03)	IASB C1 F1	LOWER WING SURFACE	.000

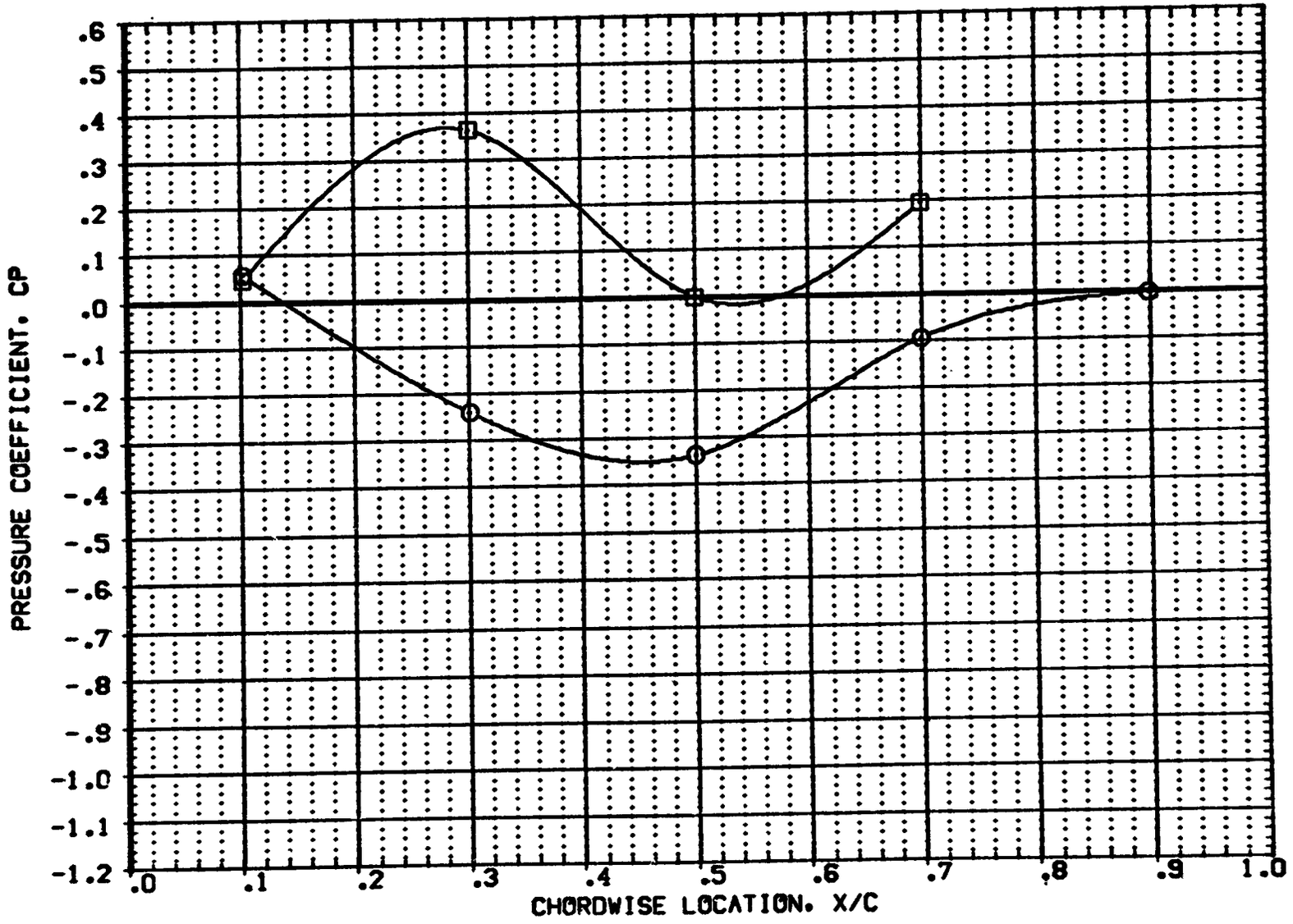

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 BETA = -1.980 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4U03)	○	IAGB C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IAGB C1 F1	LOWER WING SURFACE	.000

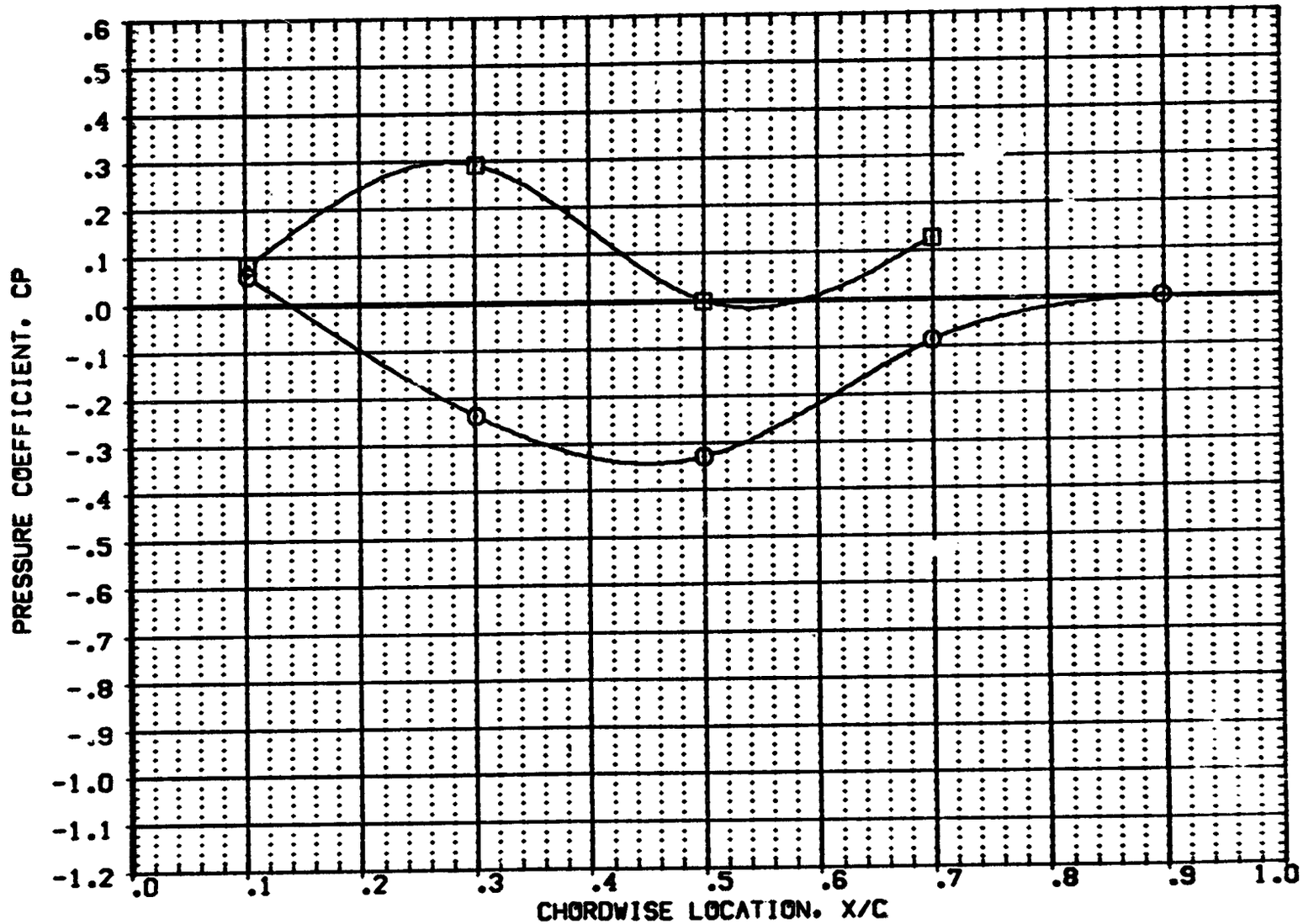

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 BETA = -.070 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	○	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IASB C1 F1	LOWER WING SURFACE	.000

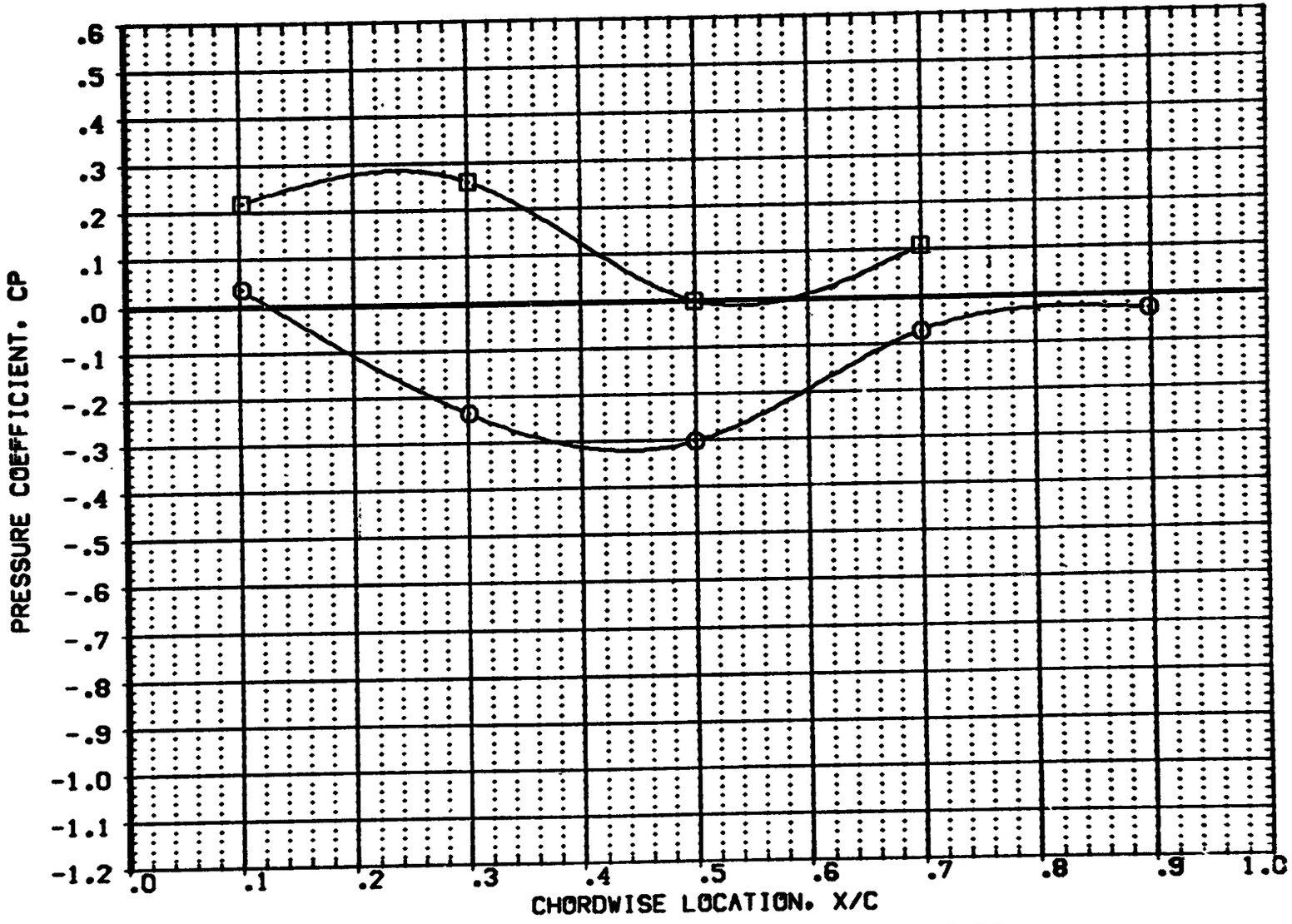

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 BETA = 1.910 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03) ○	1A68 C1 F1	UPPER WING SURFACE	.000
(RF4L03) □	1A68 C1 F1	LOWER WING SURFACE	.000

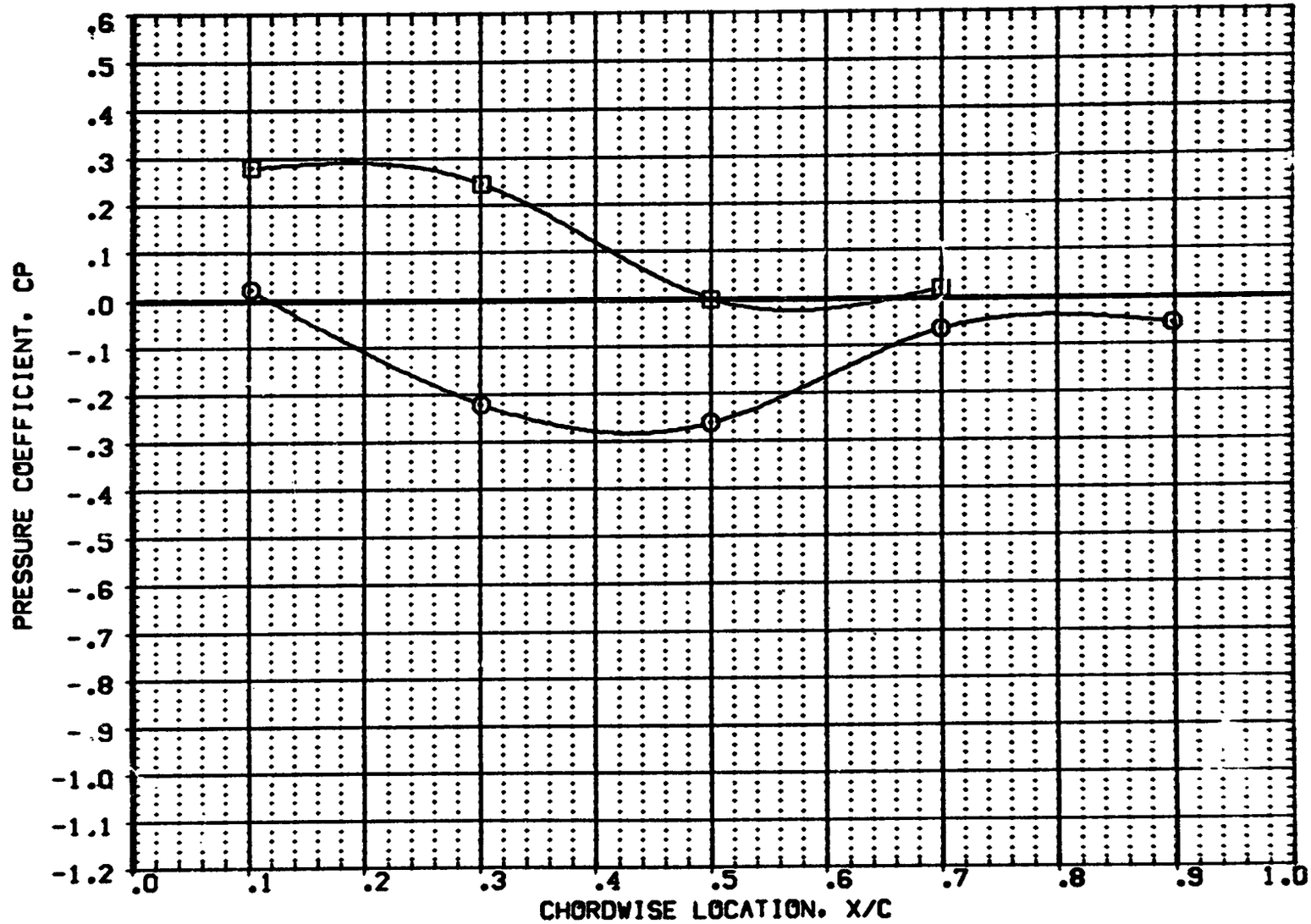

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.503 BETA = 3.980 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4U03)	○	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IASB C1 F1	LOWER WING SURFACE	.000

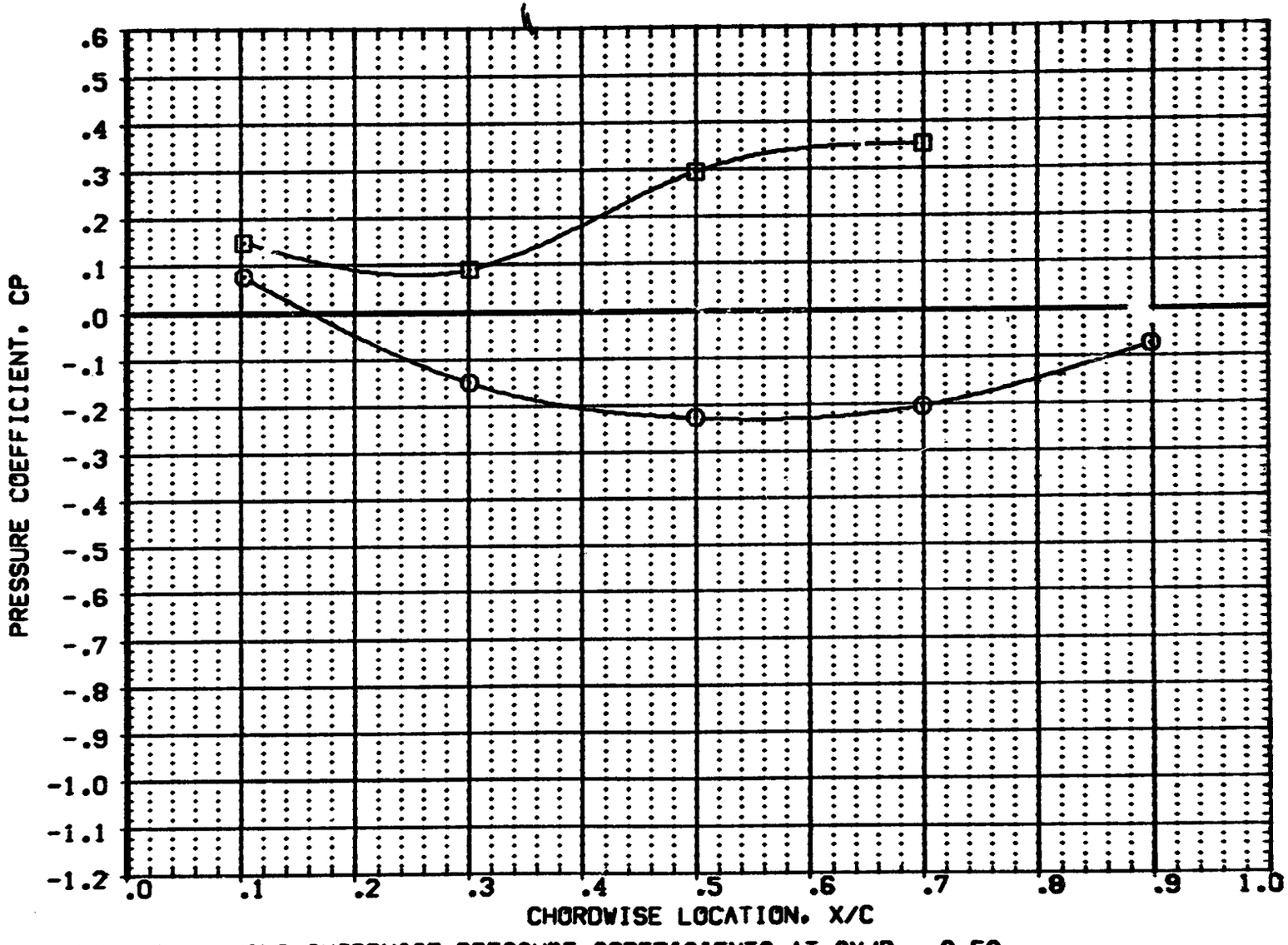

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 BETA = -3.830 2Y/B = .500

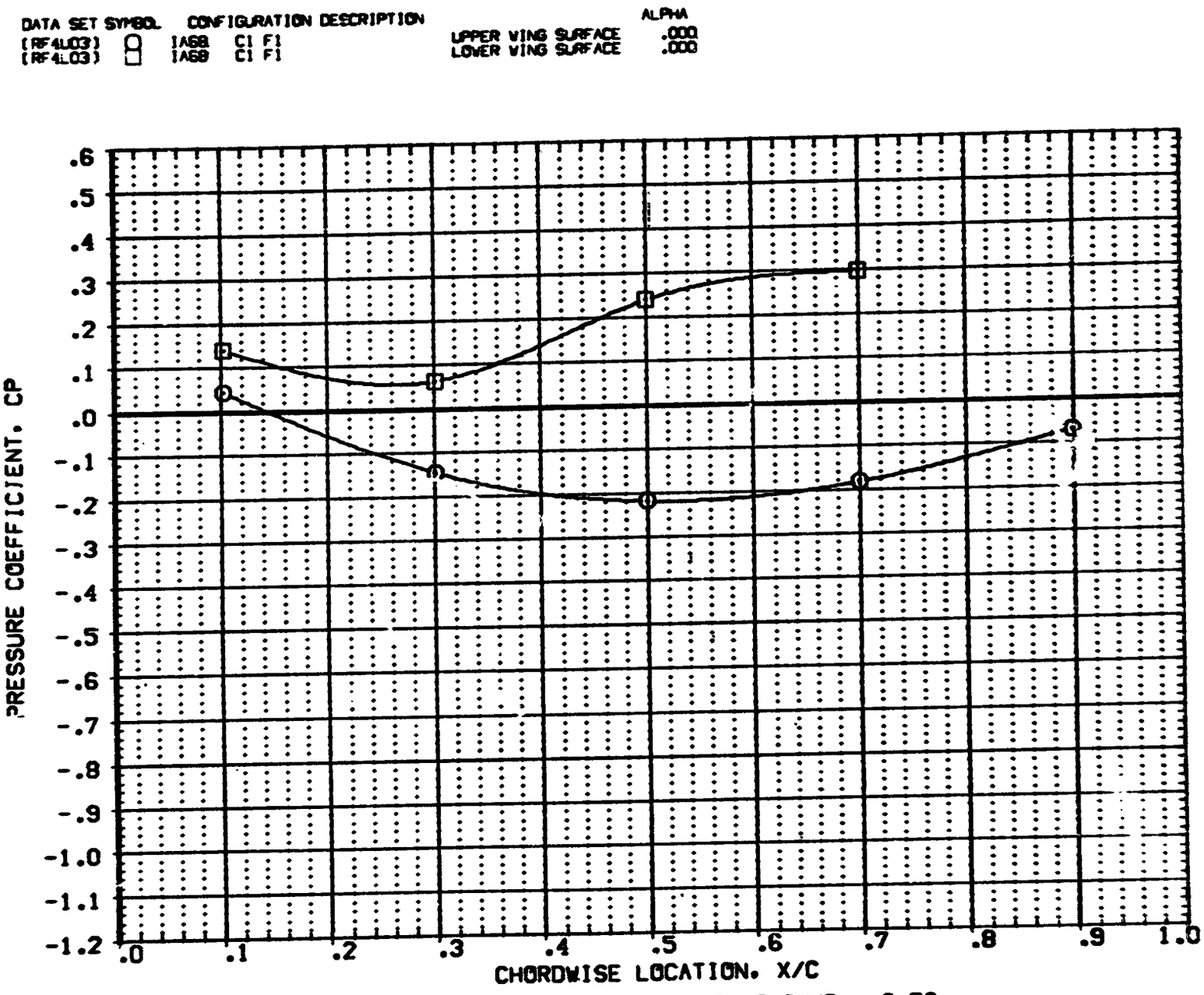

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 BETA = -1.900 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	8	!ASB C1 F1 UPPER WING SURFACE	.000
(RF4L03)	8	!ASB C1 F1 LOWER WING SURFACE	.000

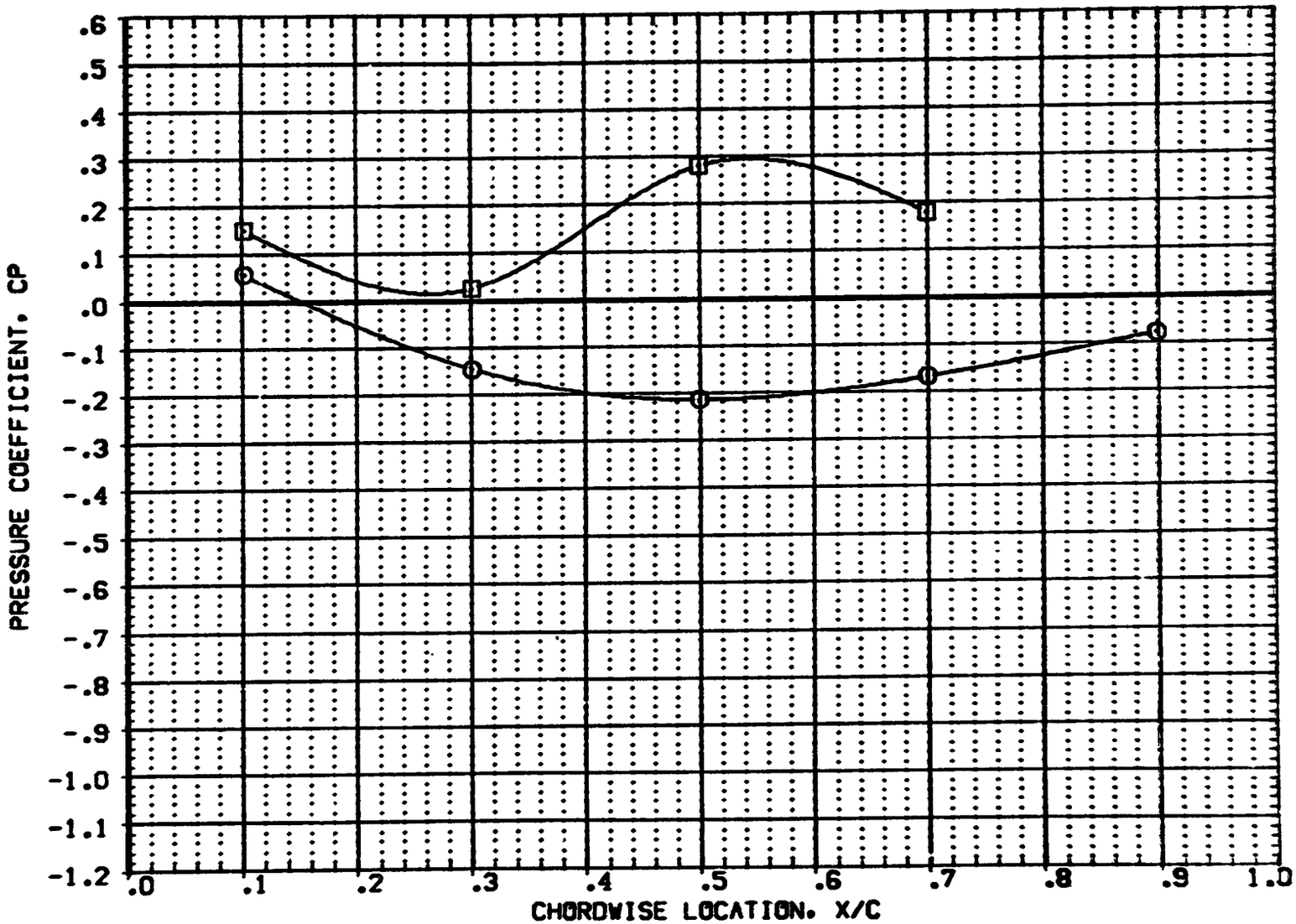

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 BETA = .050 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ALPHA
[RF4UG3]	○	IA6B C1 F1	UPPER WING SURFACE	.000
[RF4LO3]	□	IA6B C1 F1	LOWER WING SURFACE	.000

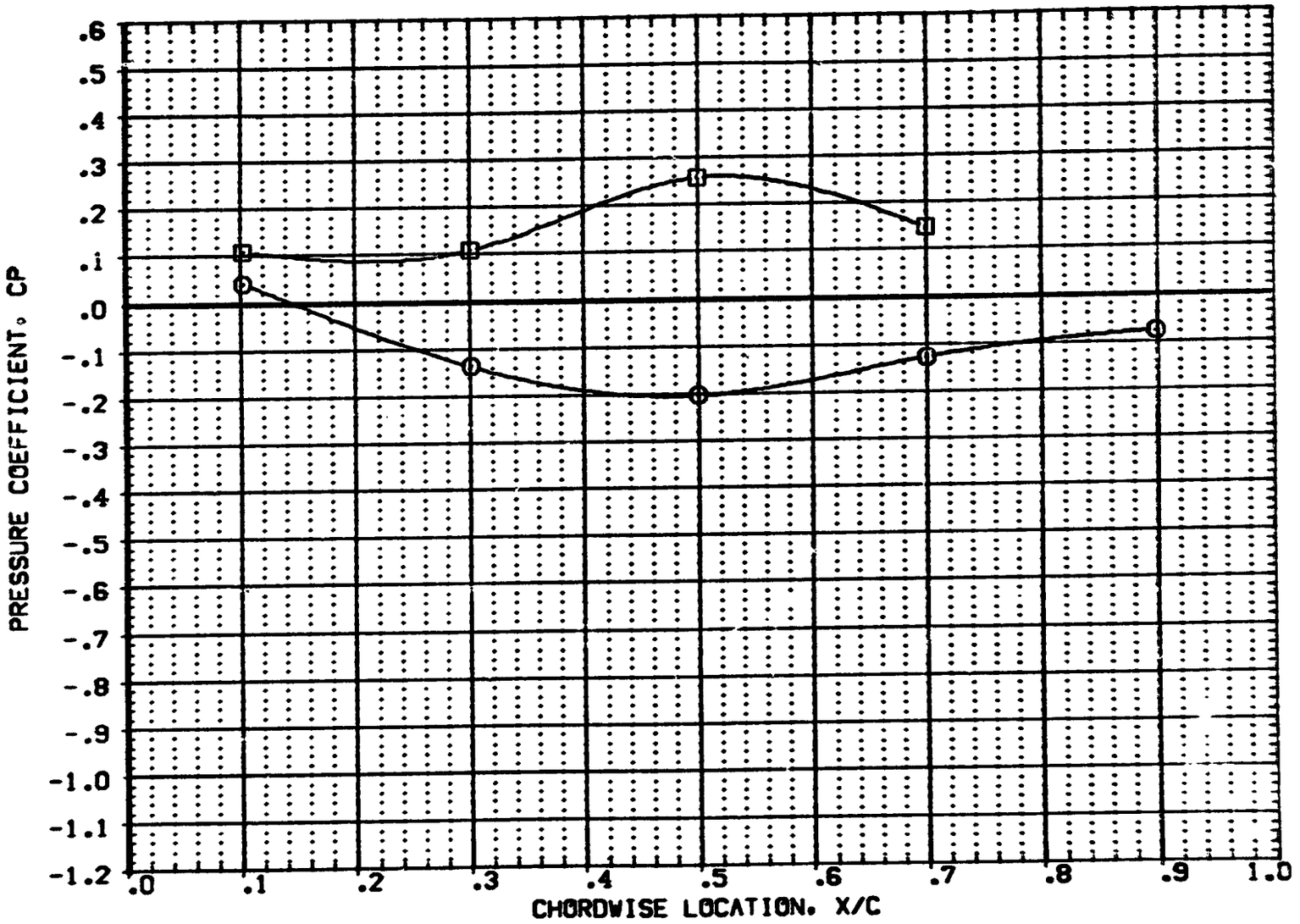

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 BETA = 2.020 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4U03)	○	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IASB C1 F1	LOWER WING SURFACE	.000

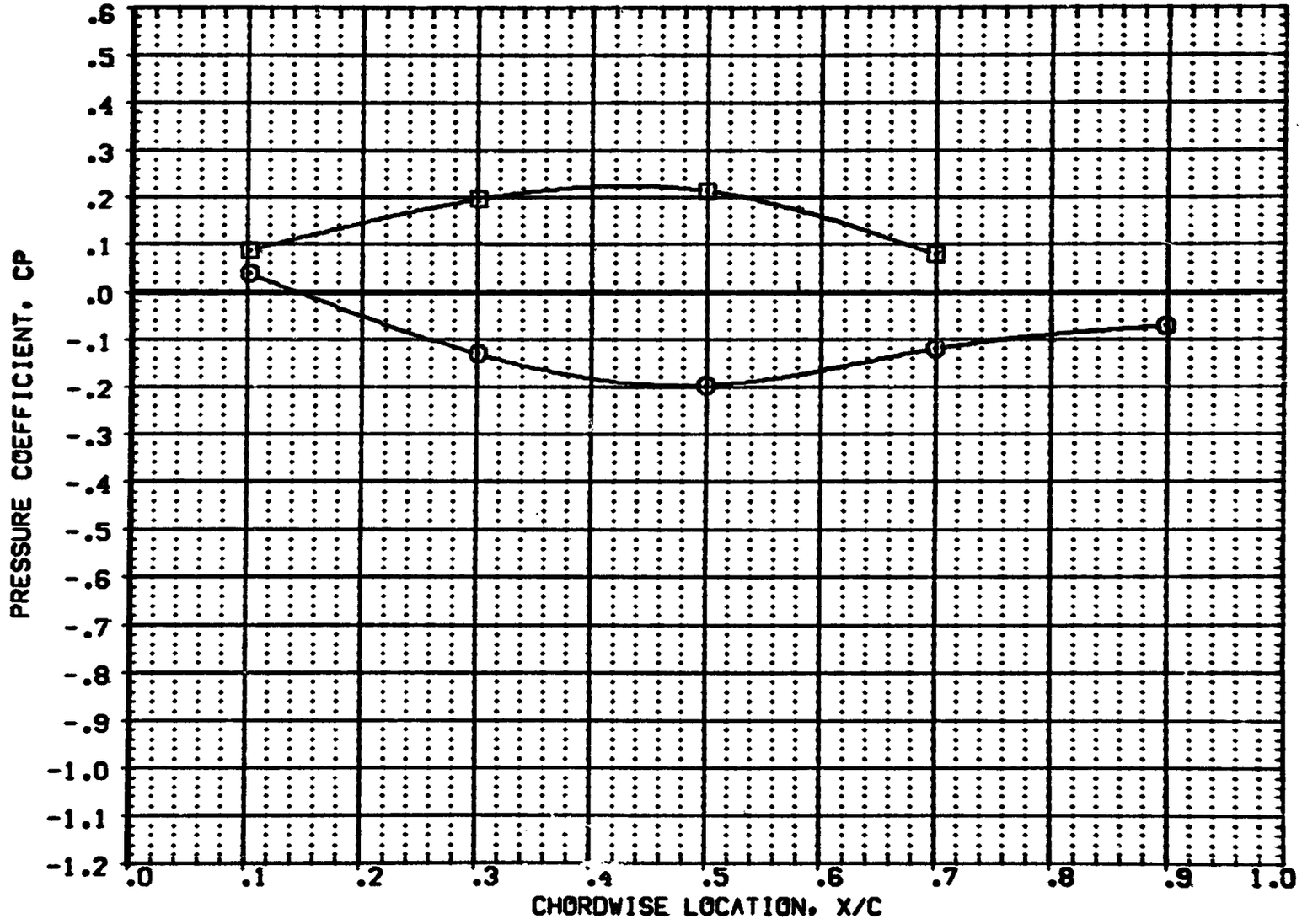

FIG 8 WING CHORDWISE PRESSURE COEFFICIENTS AT 2Y/B = 0.50

MACH = 1.991 BETA = 3.890 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[RF4L01] ⊡	IASB C1 F1	UPPER WING SURFACE .000
[RF4L01] ⊟	IASB C1 F1	LOWER WING SURFACE .000

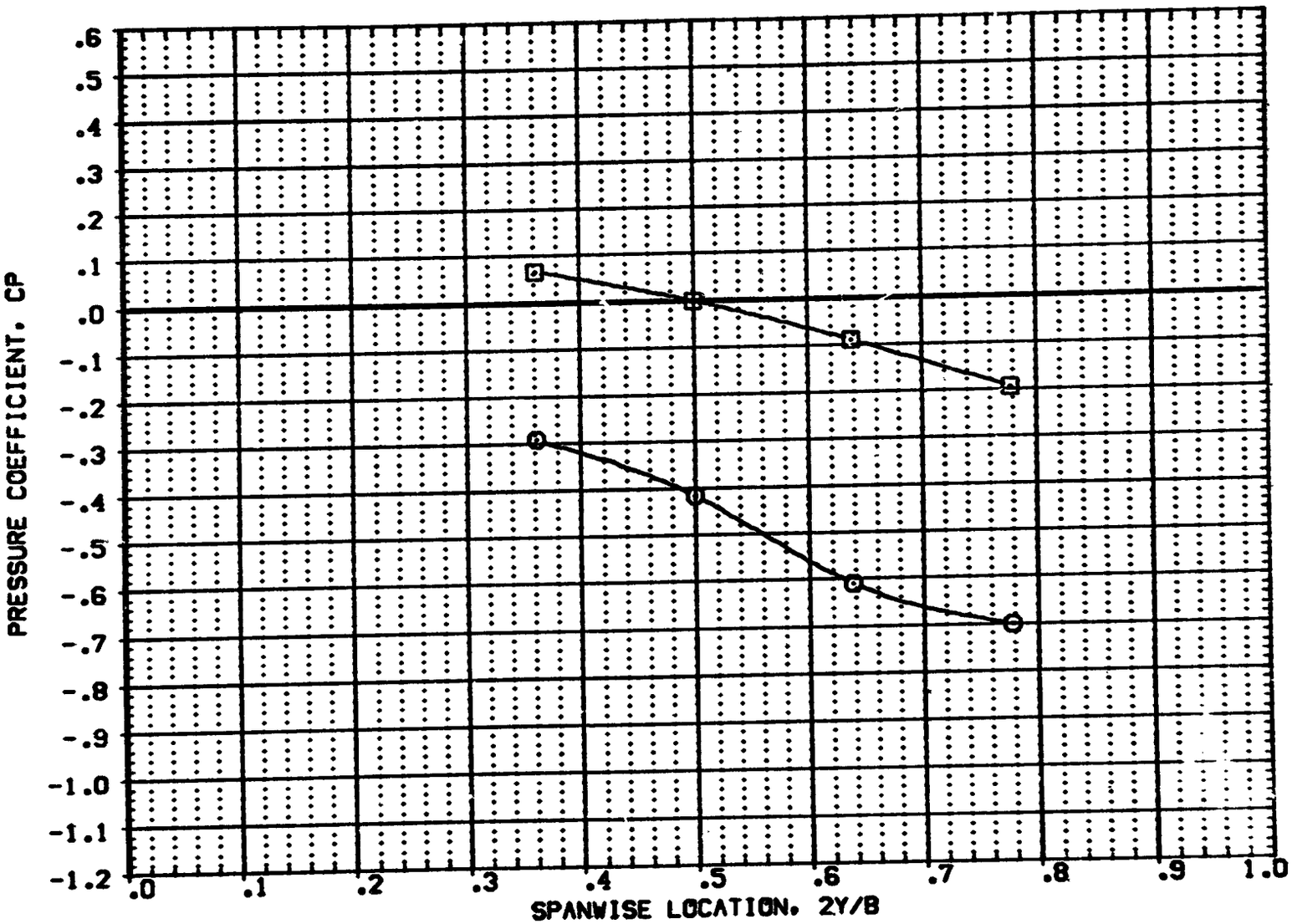

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .863 ALPHA = .000 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4U02)	⊡	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	⊟	IASB C1 F1	LOWER WING SURFACE	.000

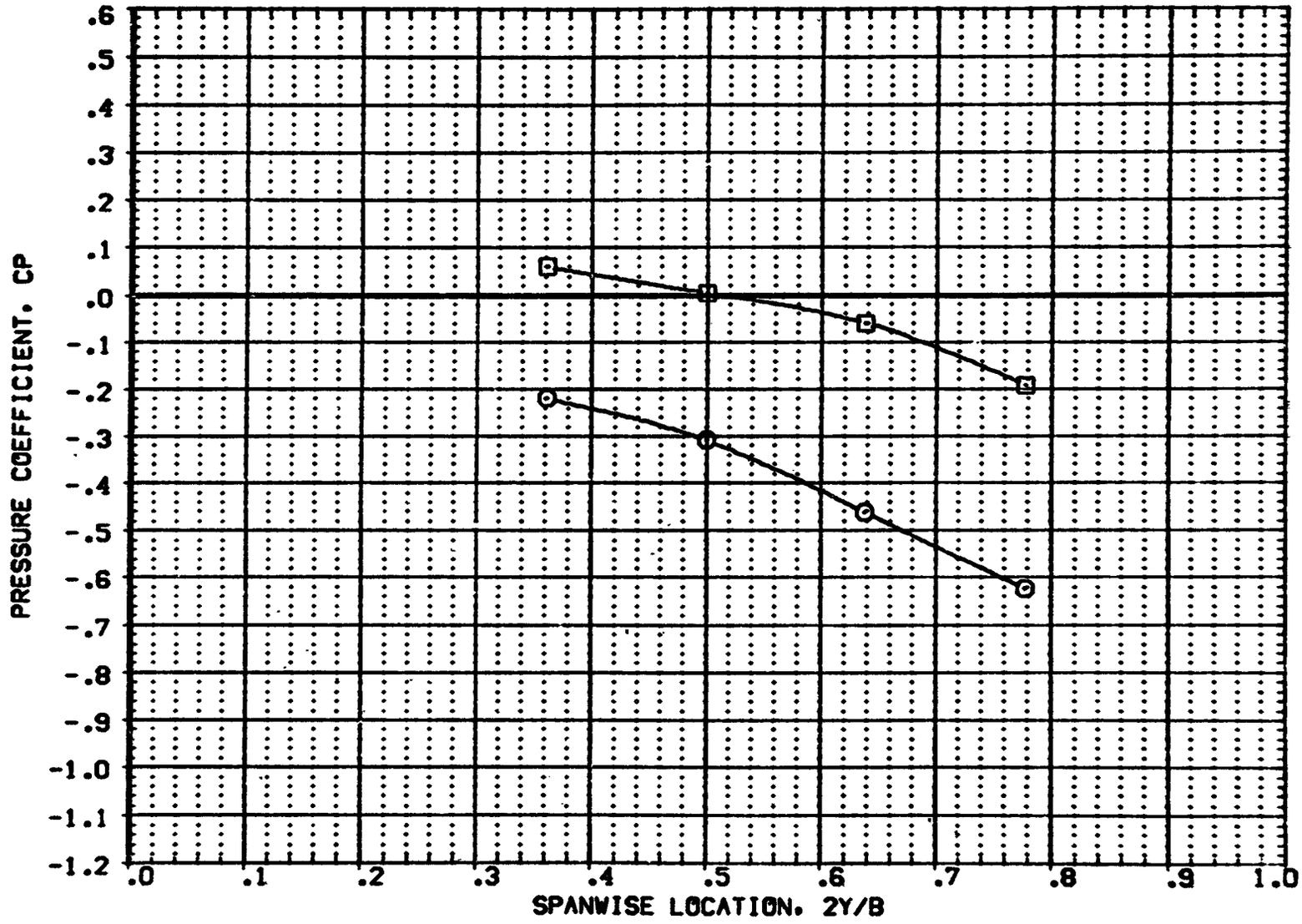

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .896 ALPHA = -4.000 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		BETA
(RF4L02)	○	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	□	IASB C1 F1	LOWER WING SURFACE	.000

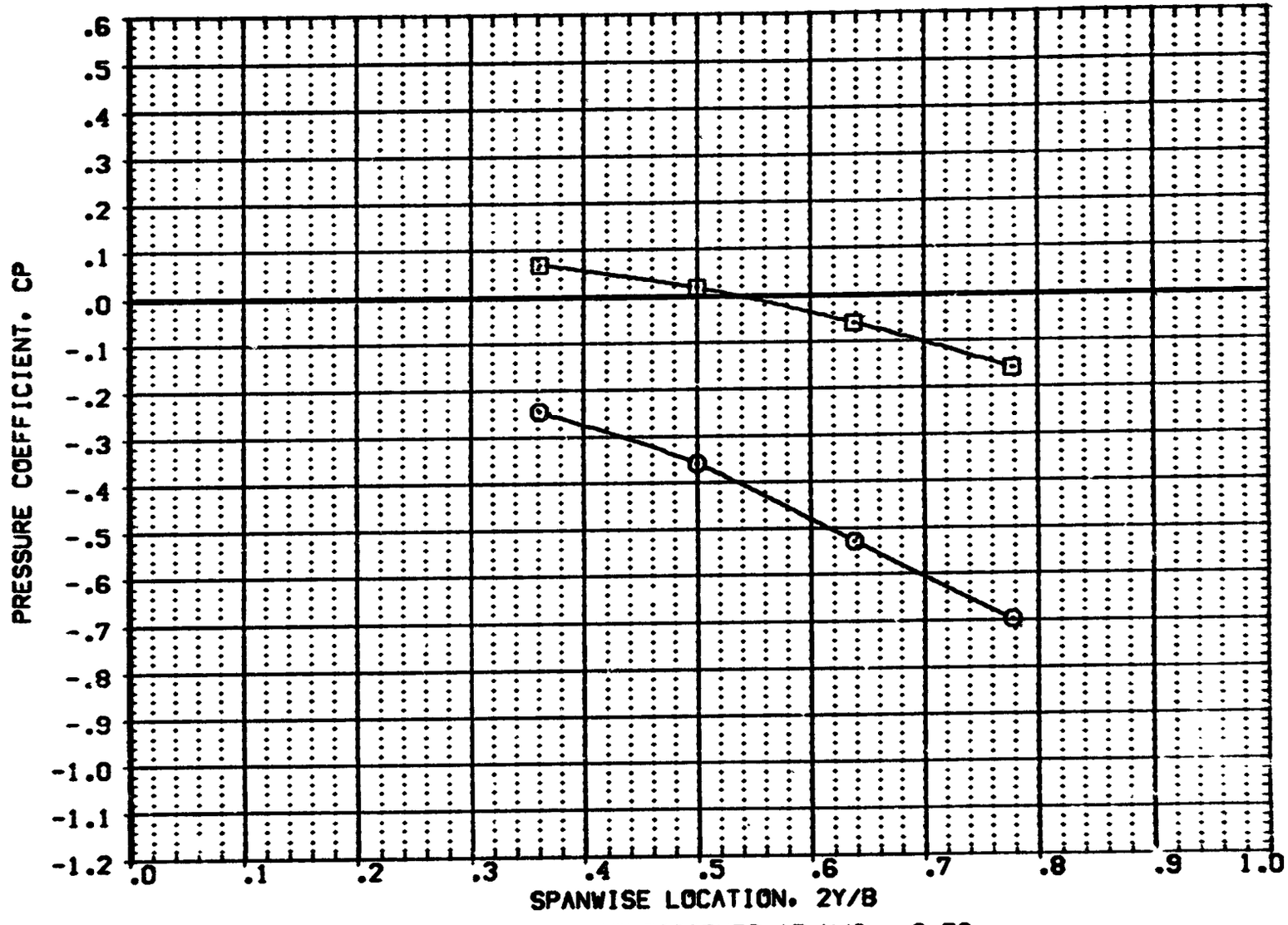

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .896 ALPHA = -2.000 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4U02) ○	IA6B C1 F1	UPPER WING SURFACE	.000
(RF4L02) □	IA6B C1 F1	LOWER WING SURFACE	.000

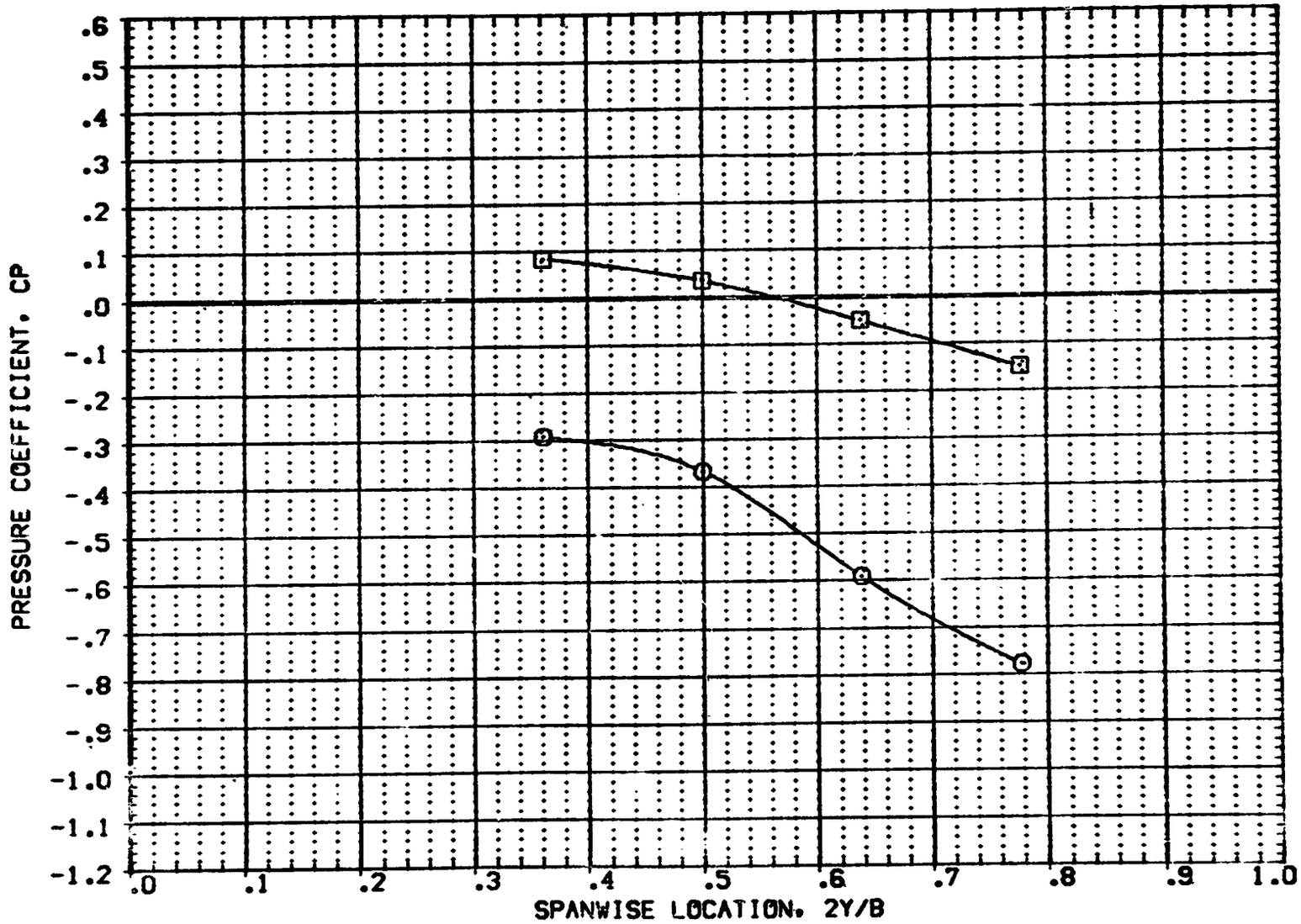

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .896 ALPHA = -.090 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4U02)	○	1A6B C1 F1	UPPER WING SURFACE	.000
(RF4L02)	□	1A6B C1 F1	LOWER WING SURFACE	.000

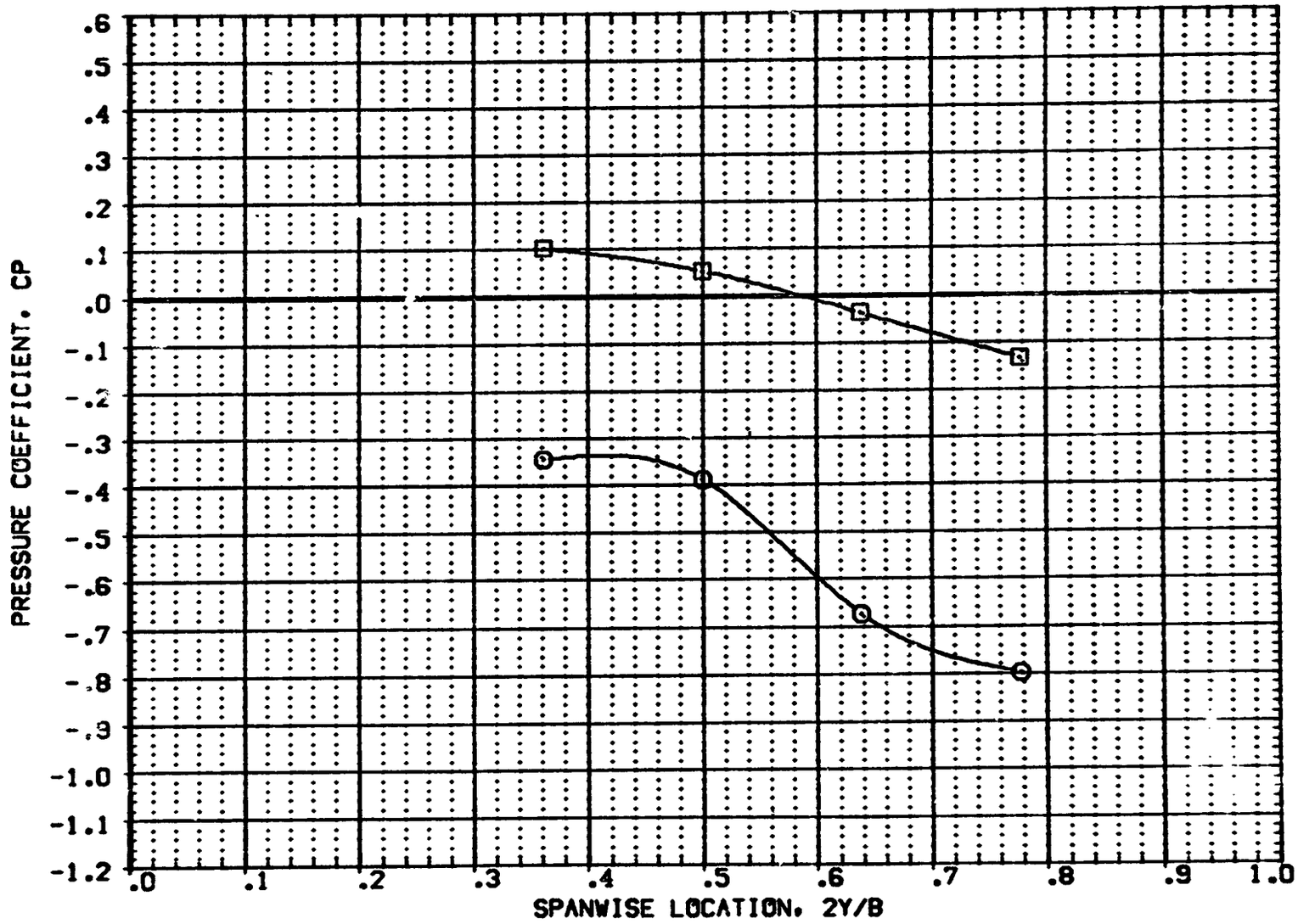

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .896 ALPHA = 1.800 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4U02)	☐	(A6B C1 F1	UPPER WING SURFACE	.000
(RF4L02)	☐	(A6B C1 F1	LOWER WING SURFACE	.000

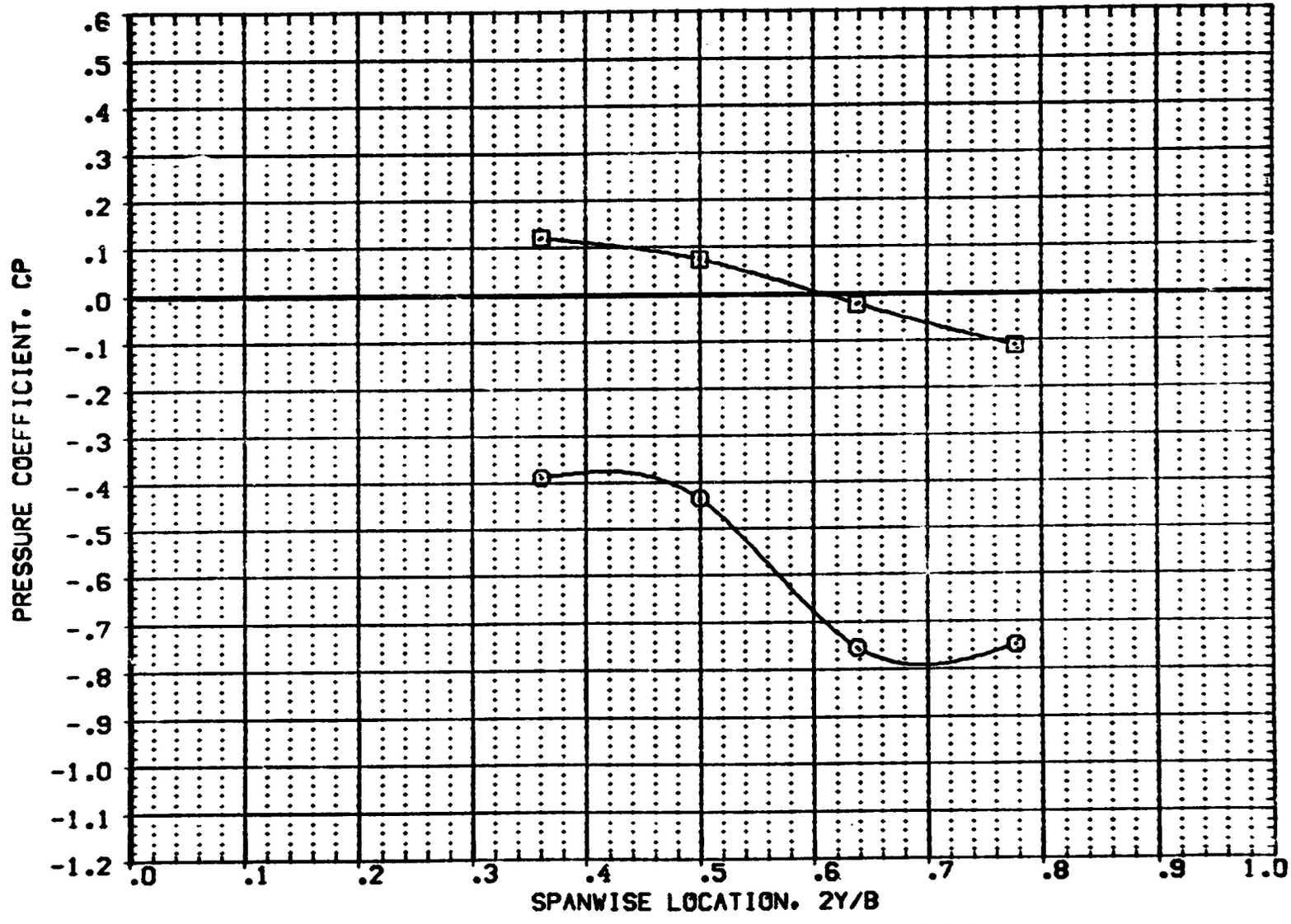

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .896 ALPHA = 3.670 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02)	○	IA6B C1 F1	UPPER WING SURFACE .000
(RF4L02)	□	IA6B C1 F1	LOWER WING SURFACE .000

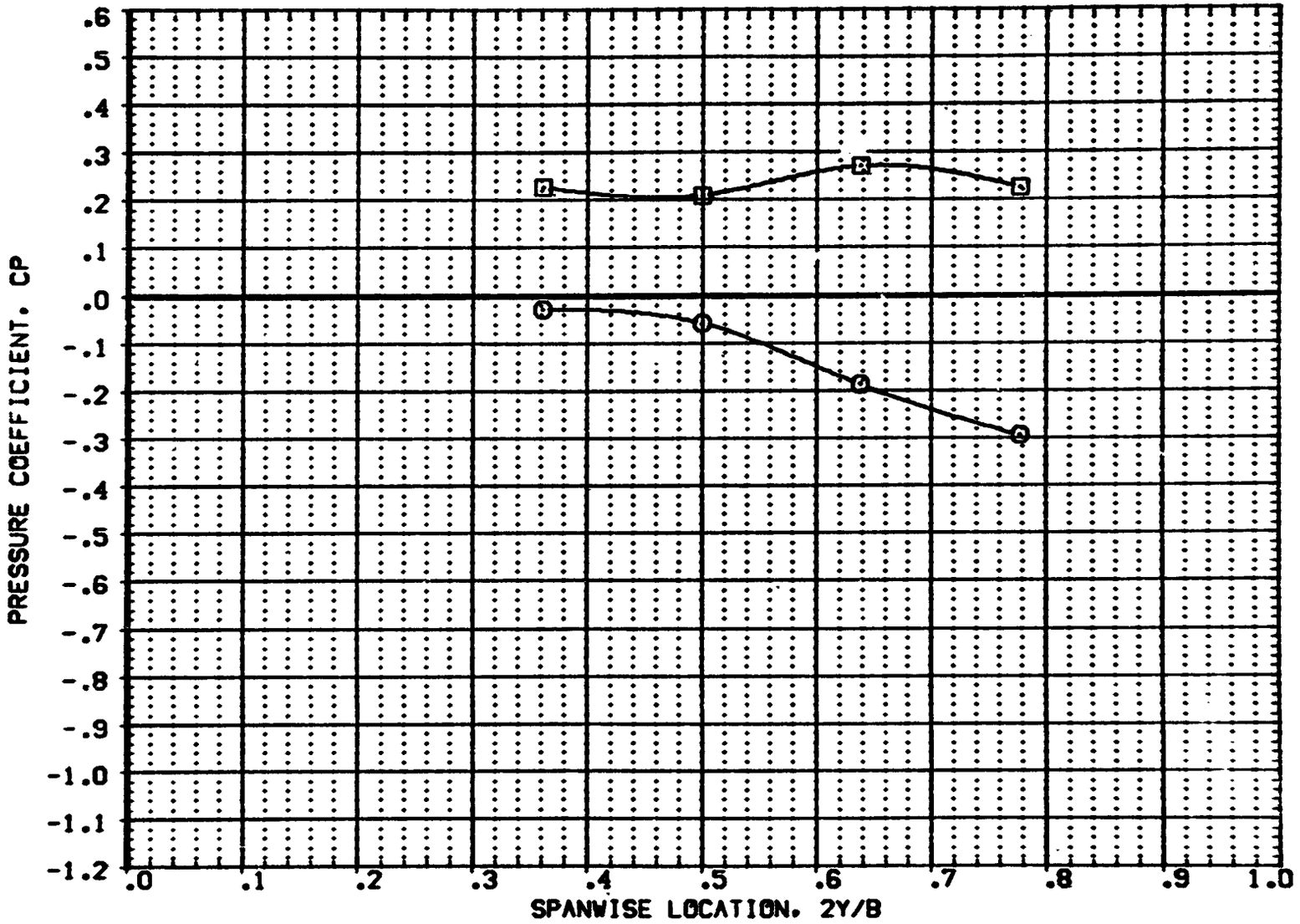

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 ALPHA = -3.910 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02) ○	IA6B C1 F1	UPPER WING SURFACE .000
(RF4L02) □	IA6B C1 F1	LOWER WING SURFACE .000

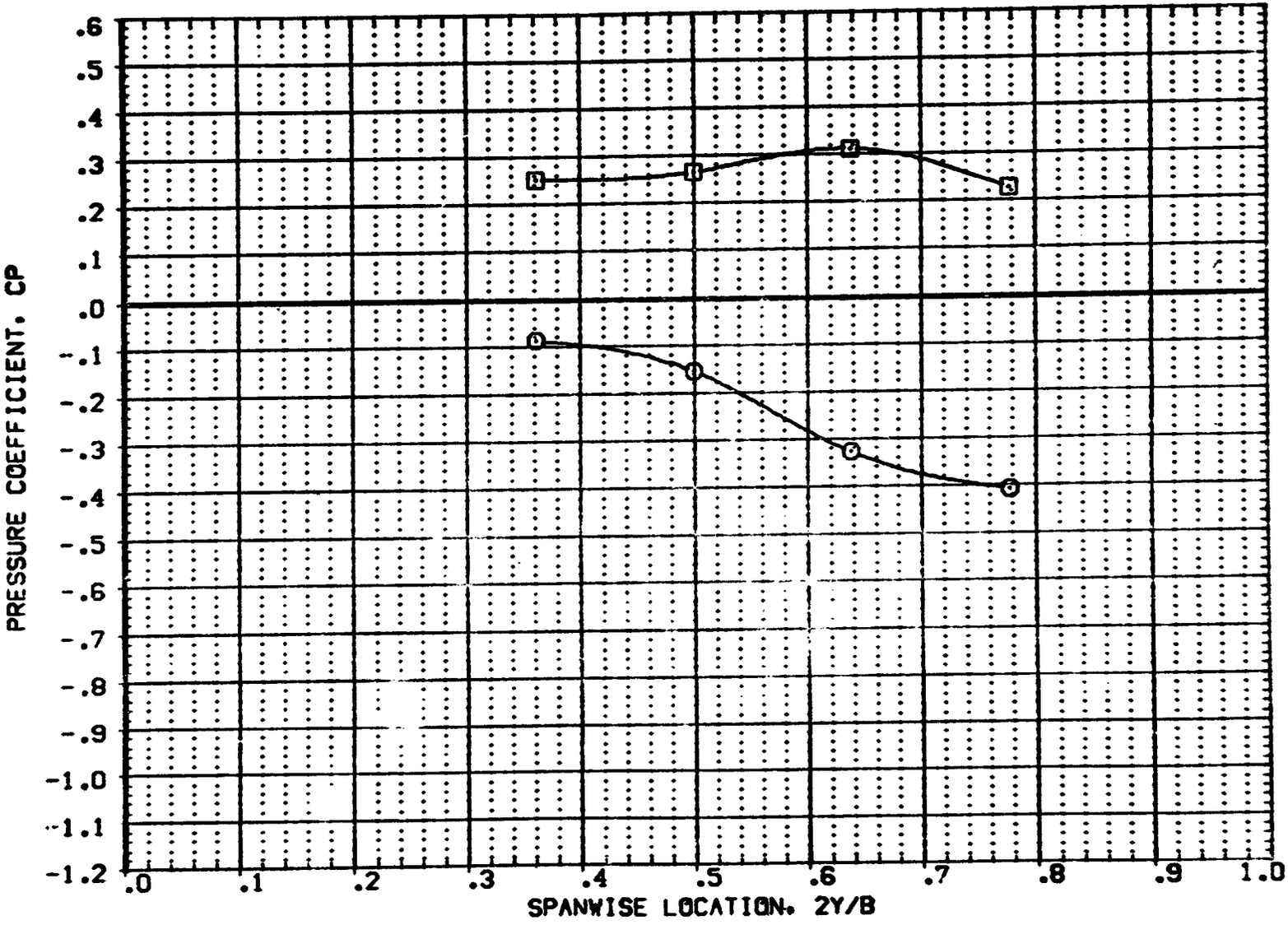

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 ALPHA = -1.830 X/C = .500

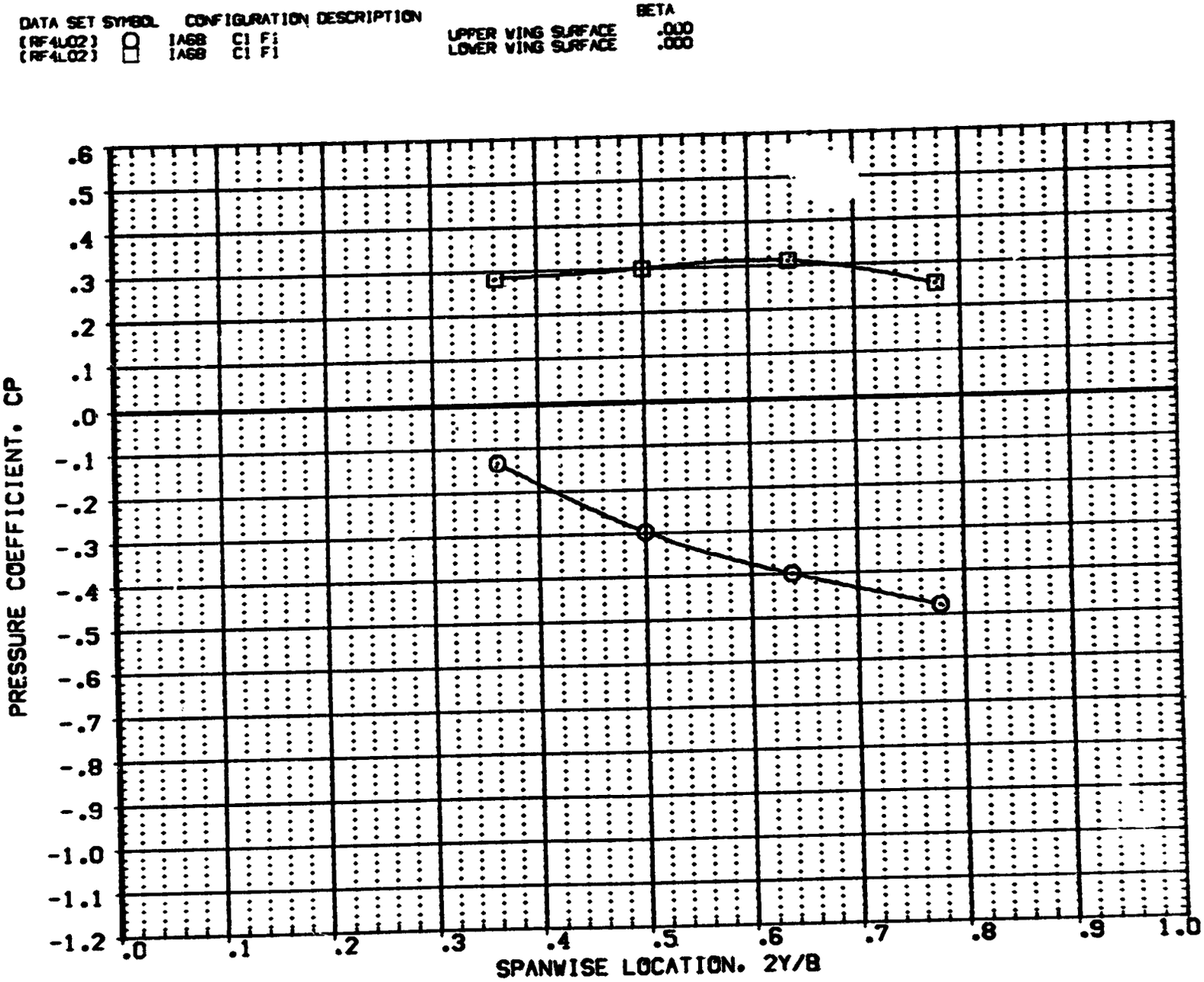

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 ALPHA = .150 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4L02)	8	IAGB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	8	IAGB C1 F1	LOWER WING SURFACE	.000

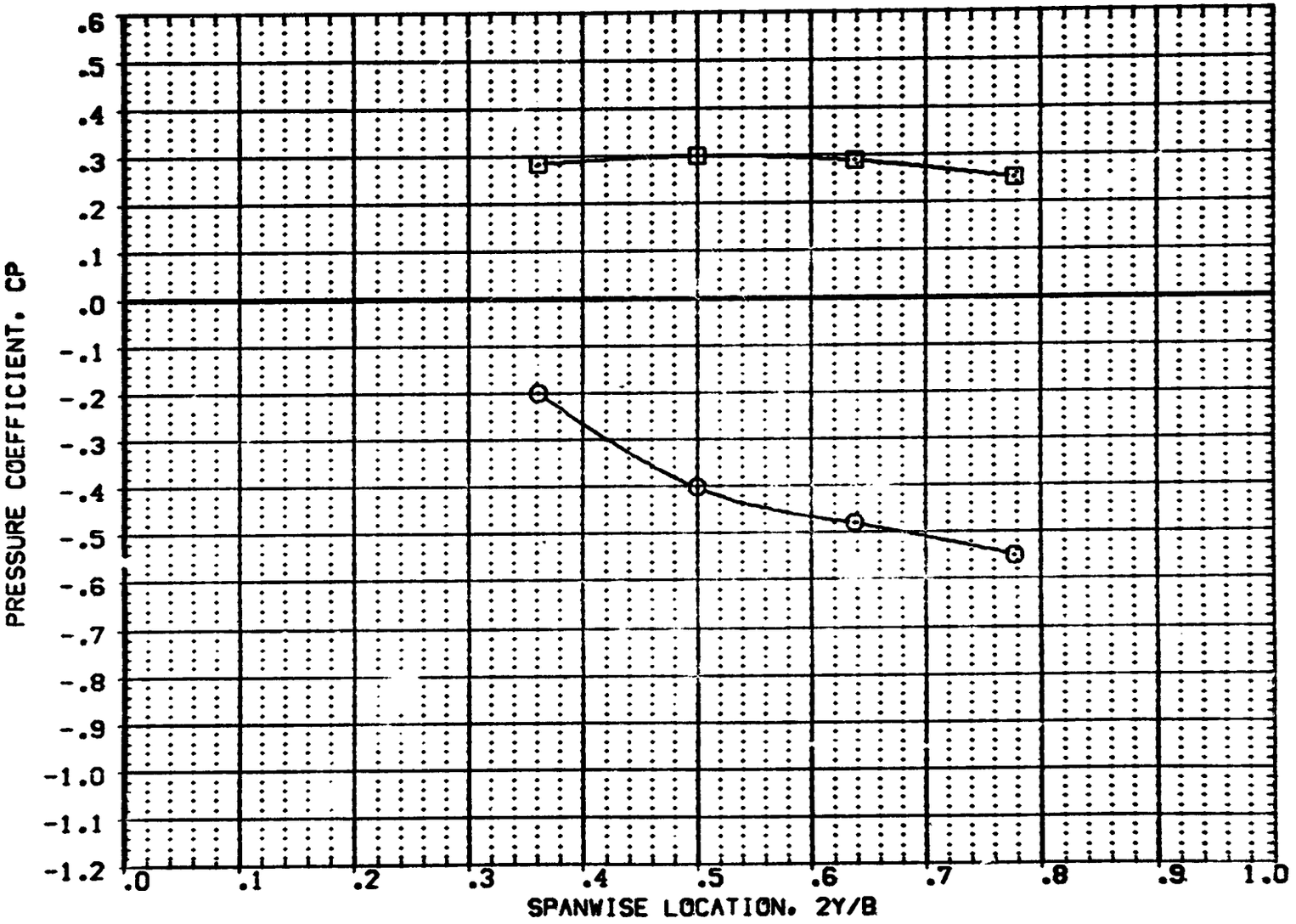

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 ALPHA = 2.120 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		BETA
[RF4L02] ○	IASB C1 F1	UPPER WING SURFACE	.000
[RF4L02] □	IASB C1 F1	LOWER WING SURFACE	.000

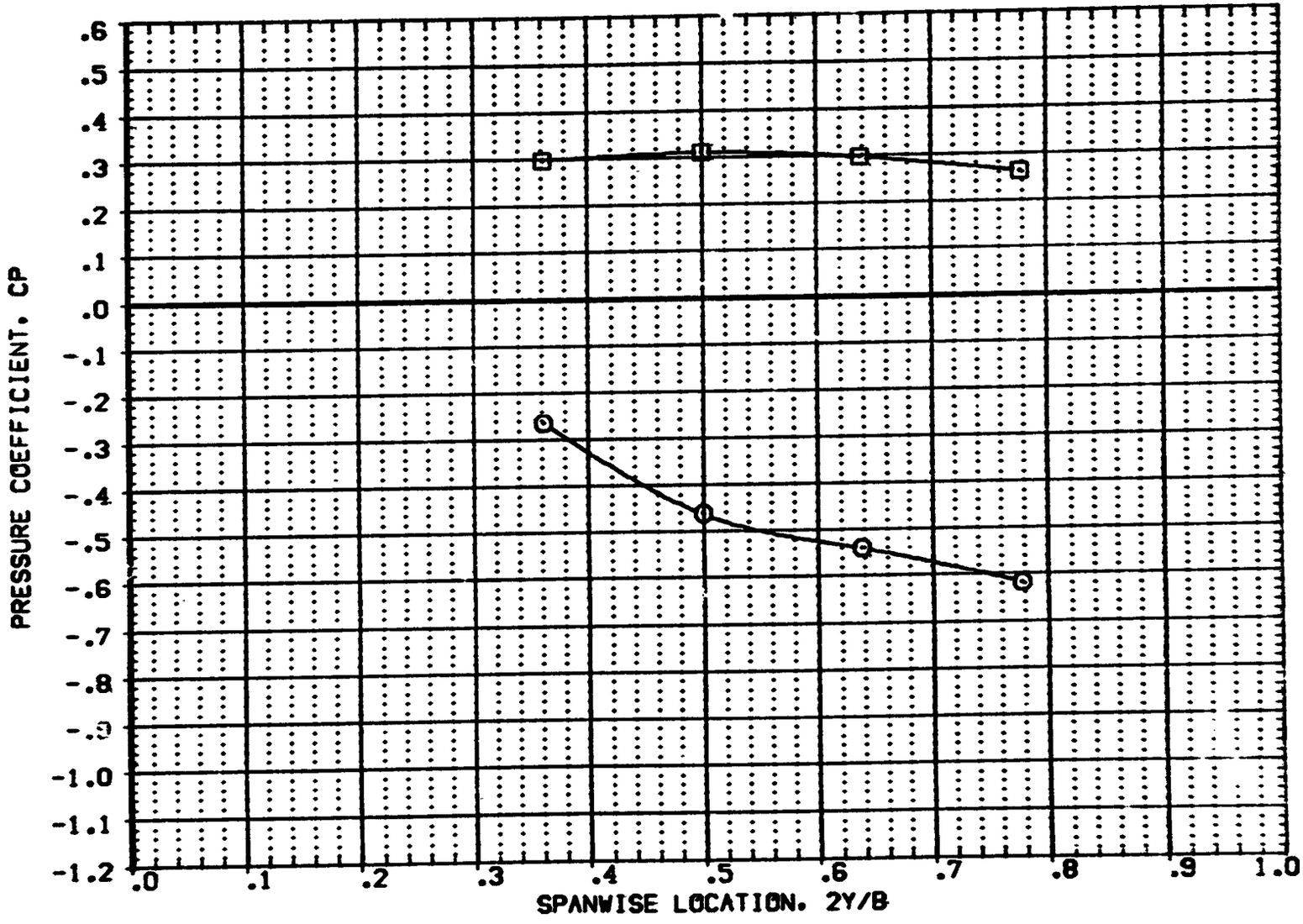

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 ALPHA = 4.030 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4U02)	○	IA6B C1 F1	UPPER WING SURFACE	.000
(RF4L02)	□	IA6B C1 F1	LOWER WING SURFACE	.000

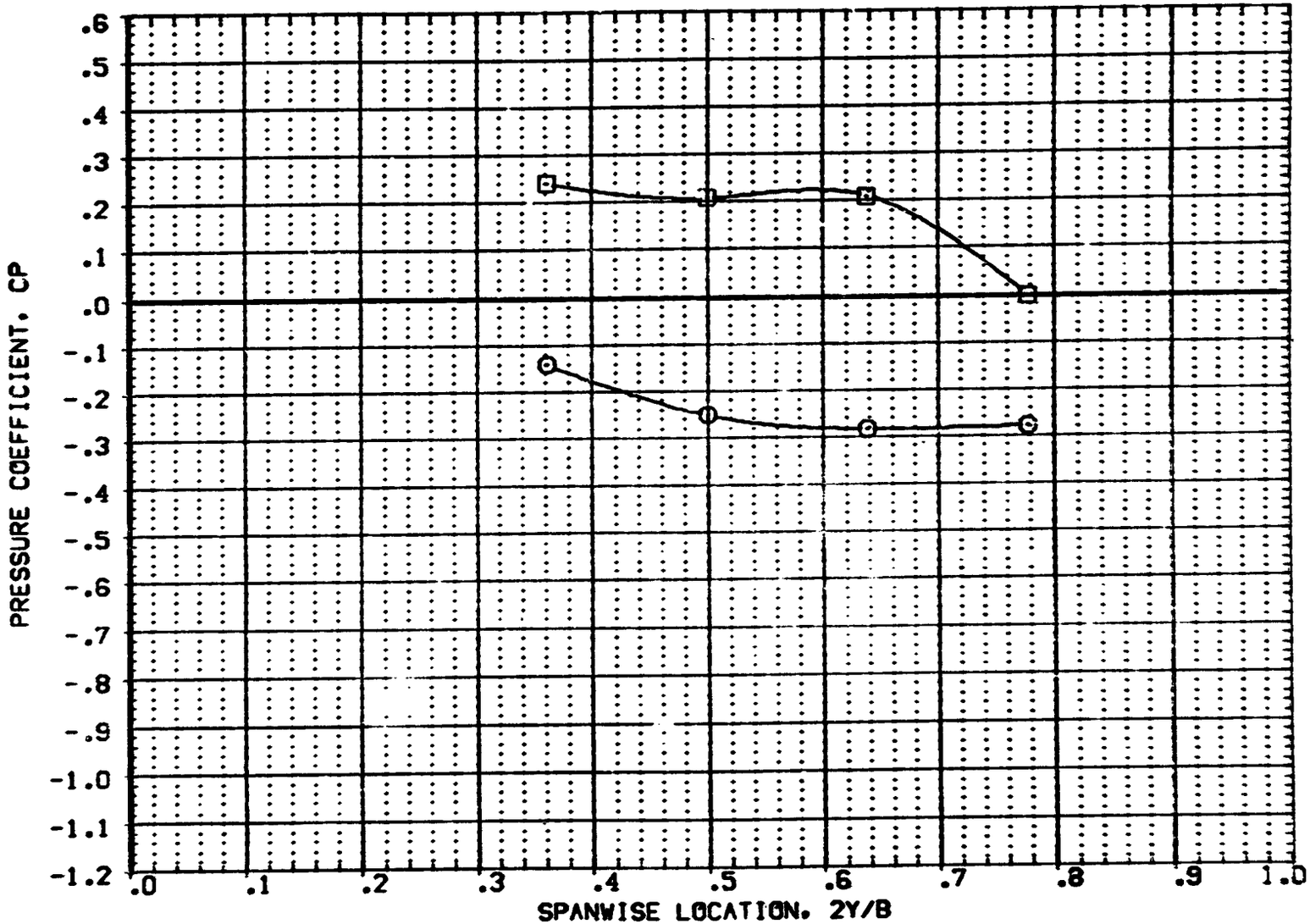

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 ALPHA = -3.890 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02)	○	IA6B C1 F1	UPPER WING SURFACE .000
(RF4L02)	□	IA6B C1 F1	LOWER WING SURFACE .000

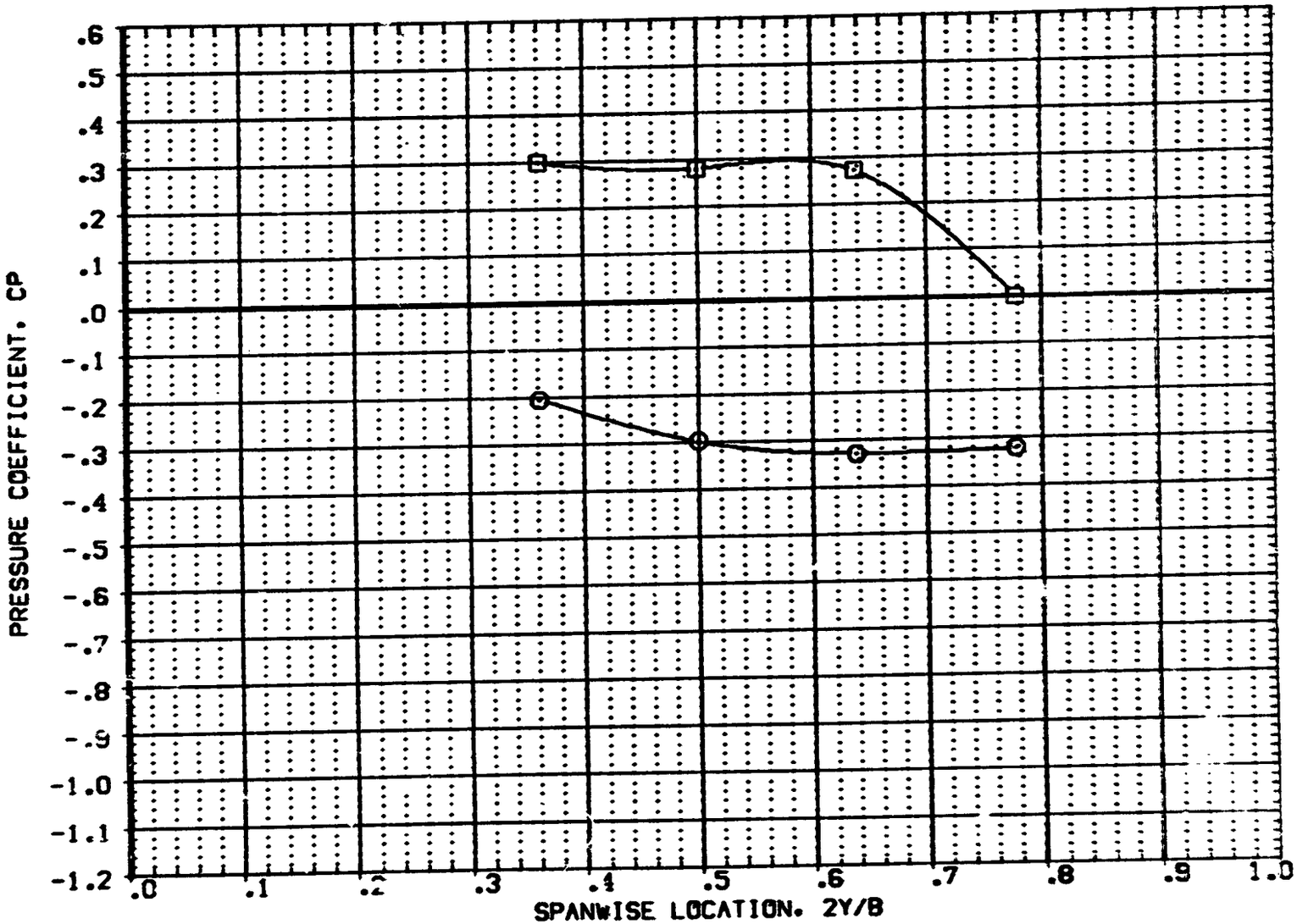

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 ALPHA = -1.690 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4L02)	○	IAGB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	□	IAGB C1 F1	LOWER WING SURFACE	.000

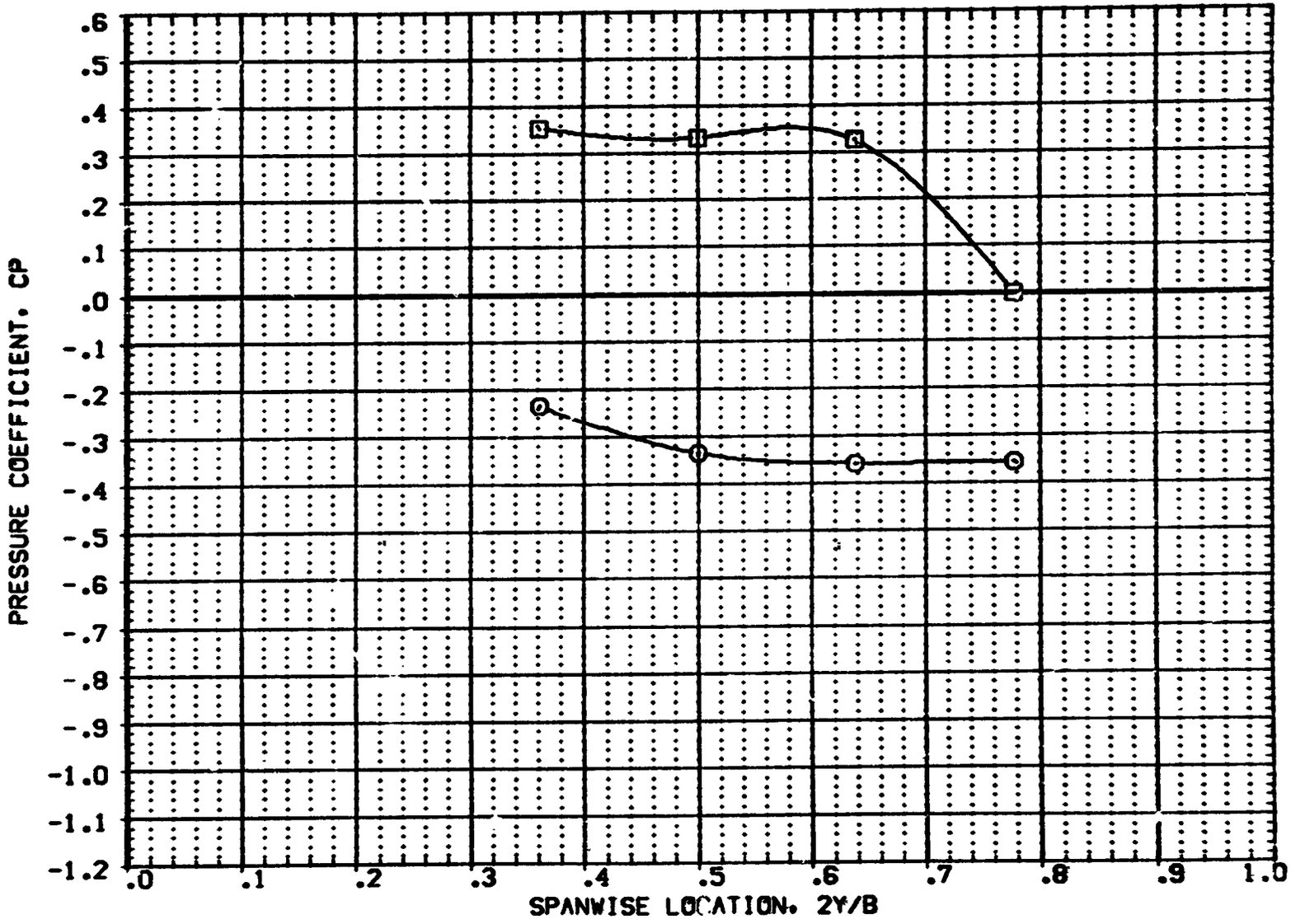

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 ALPHA = .120 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[RF4L02] ○	IA6B C1 F1	UPPER WING SURFACE .000
[RF4L02] □	IA6B C1 F1	LOWER WING SURFACE .000

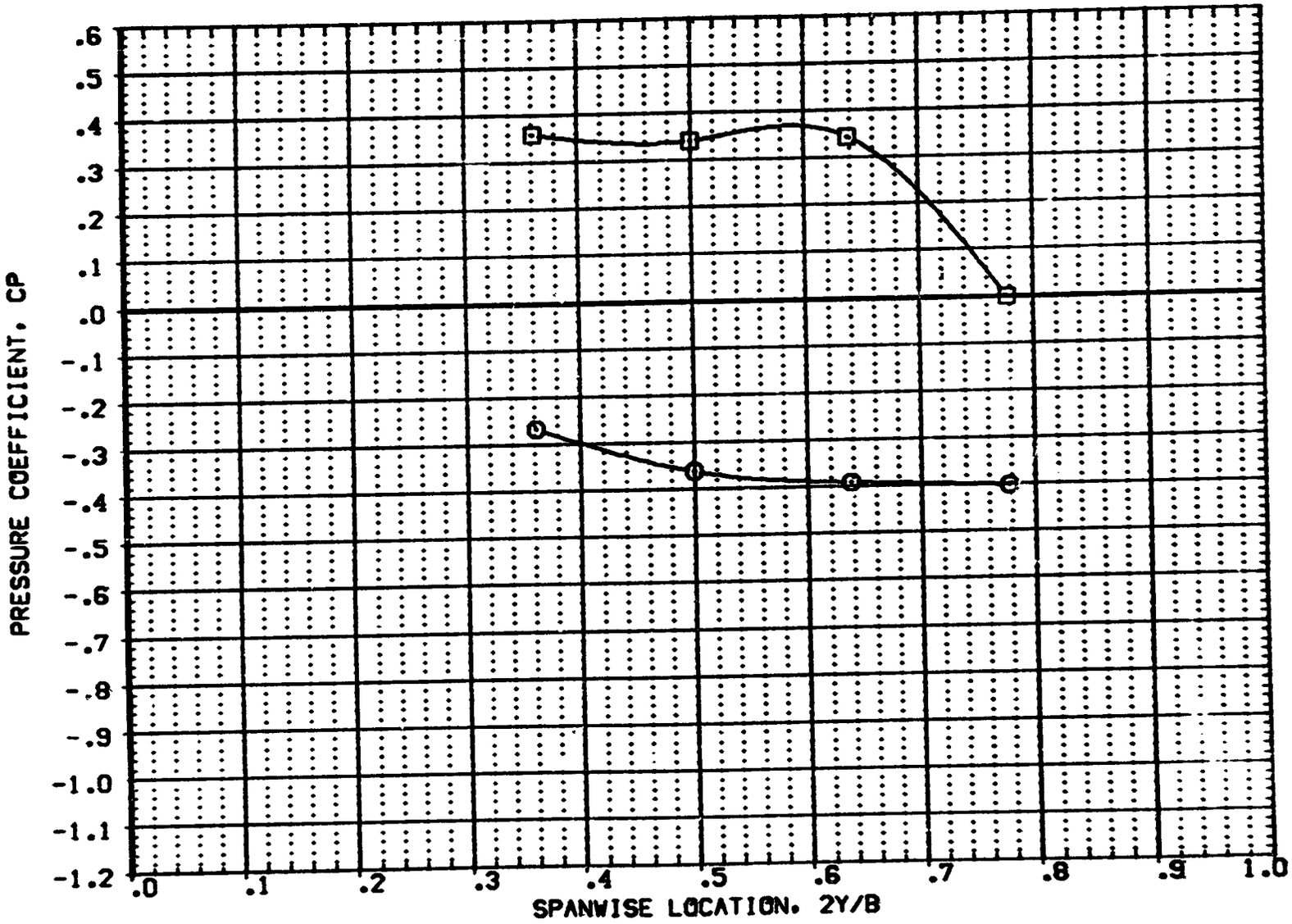

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 ALPHA = 2.010 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02)	○	IA68 C1 F1	UPPER WING SURFACE .000
(RF4L02)	□	IA68 C1 F1	LOWER WING SURFACE .000

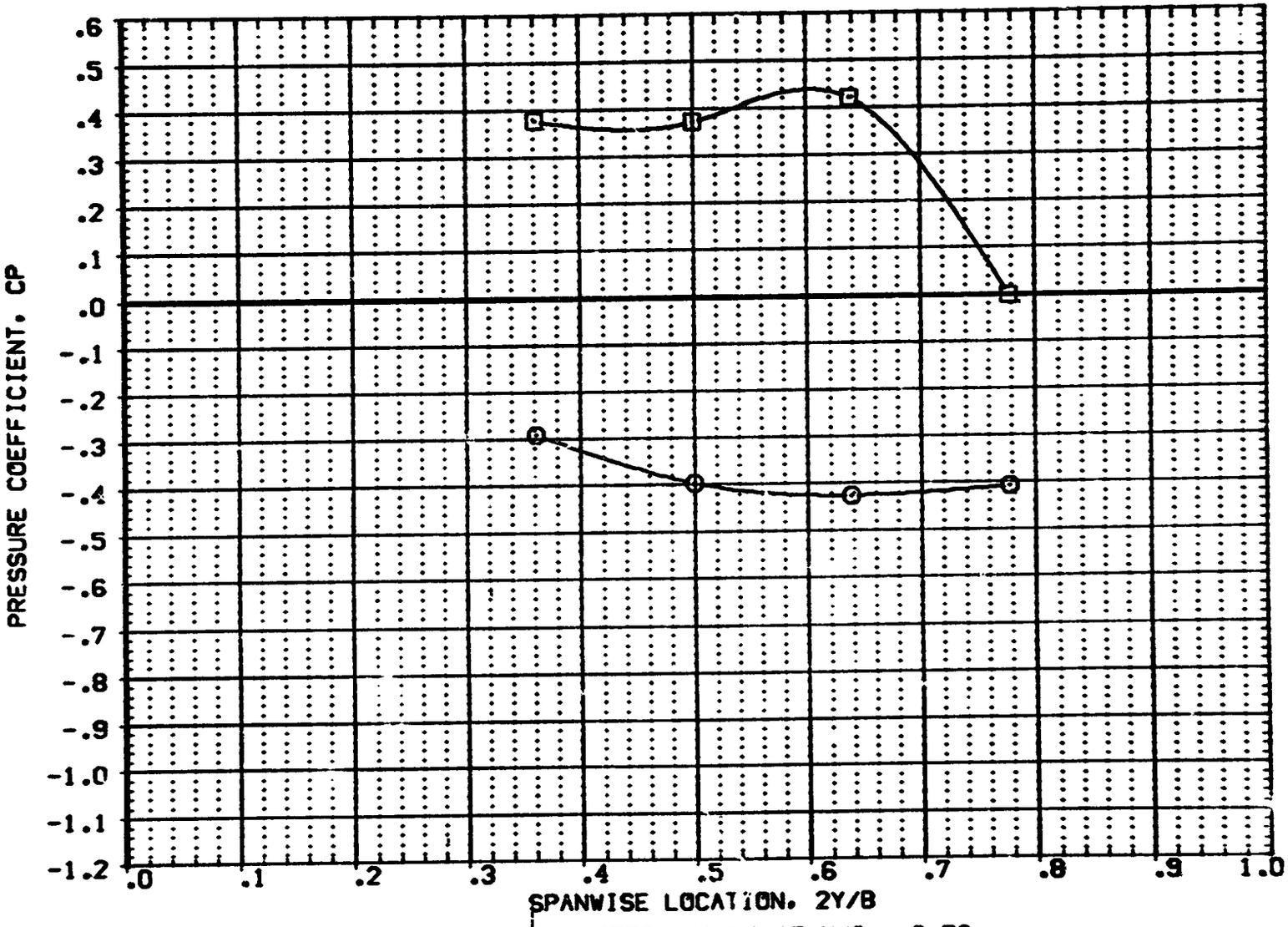

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 ALPHA = 3.950 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4U02) ○	IASB C1 F1	UPPER WING SURFACE .000
(RF4L02) □	IASB C1 F1	LOWER WING SURFACE .000

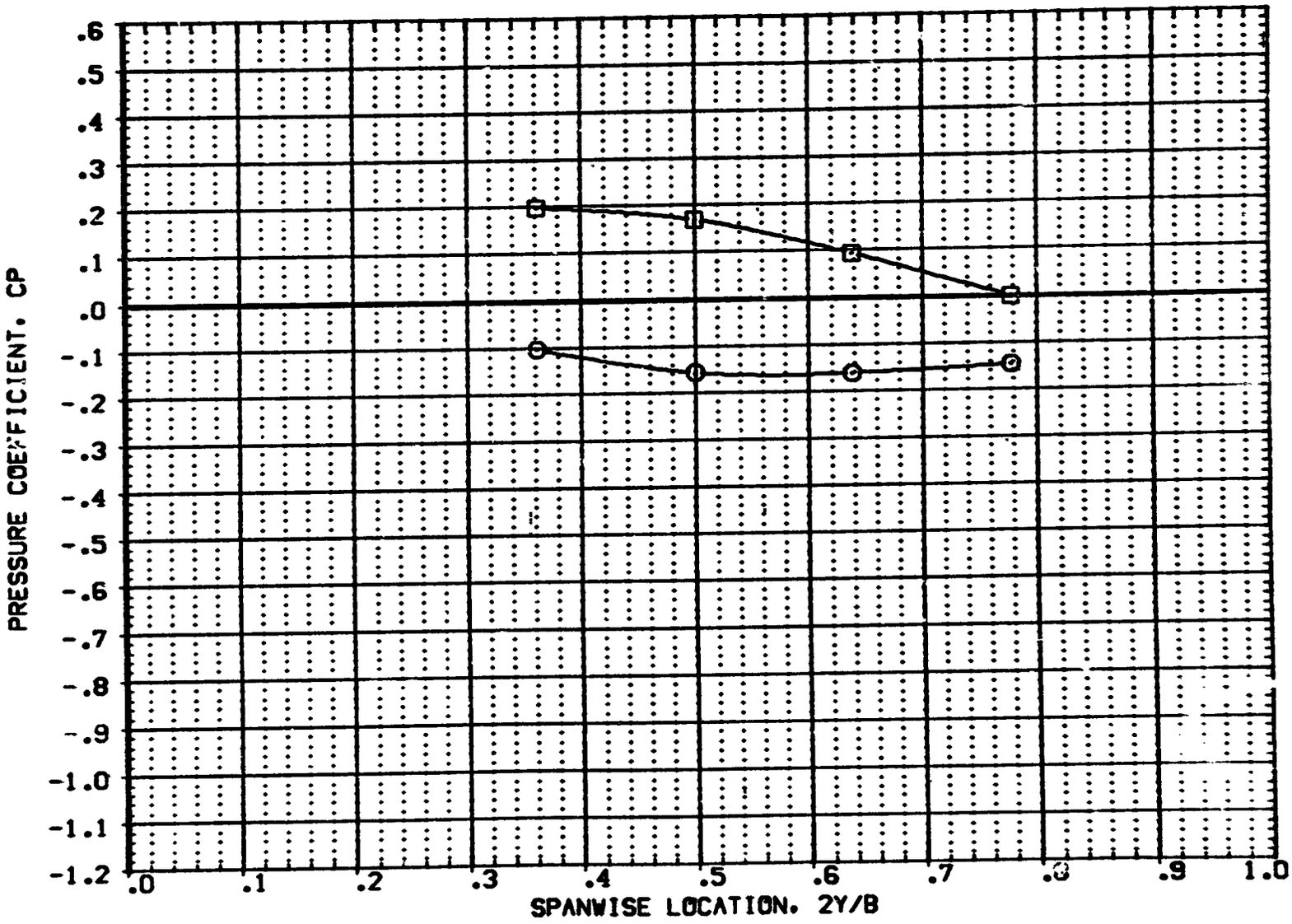

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.991 ALPHA = -3.770 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4L02)	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L02)	IASB C1 F1	LOWER WING SURFACE	.000

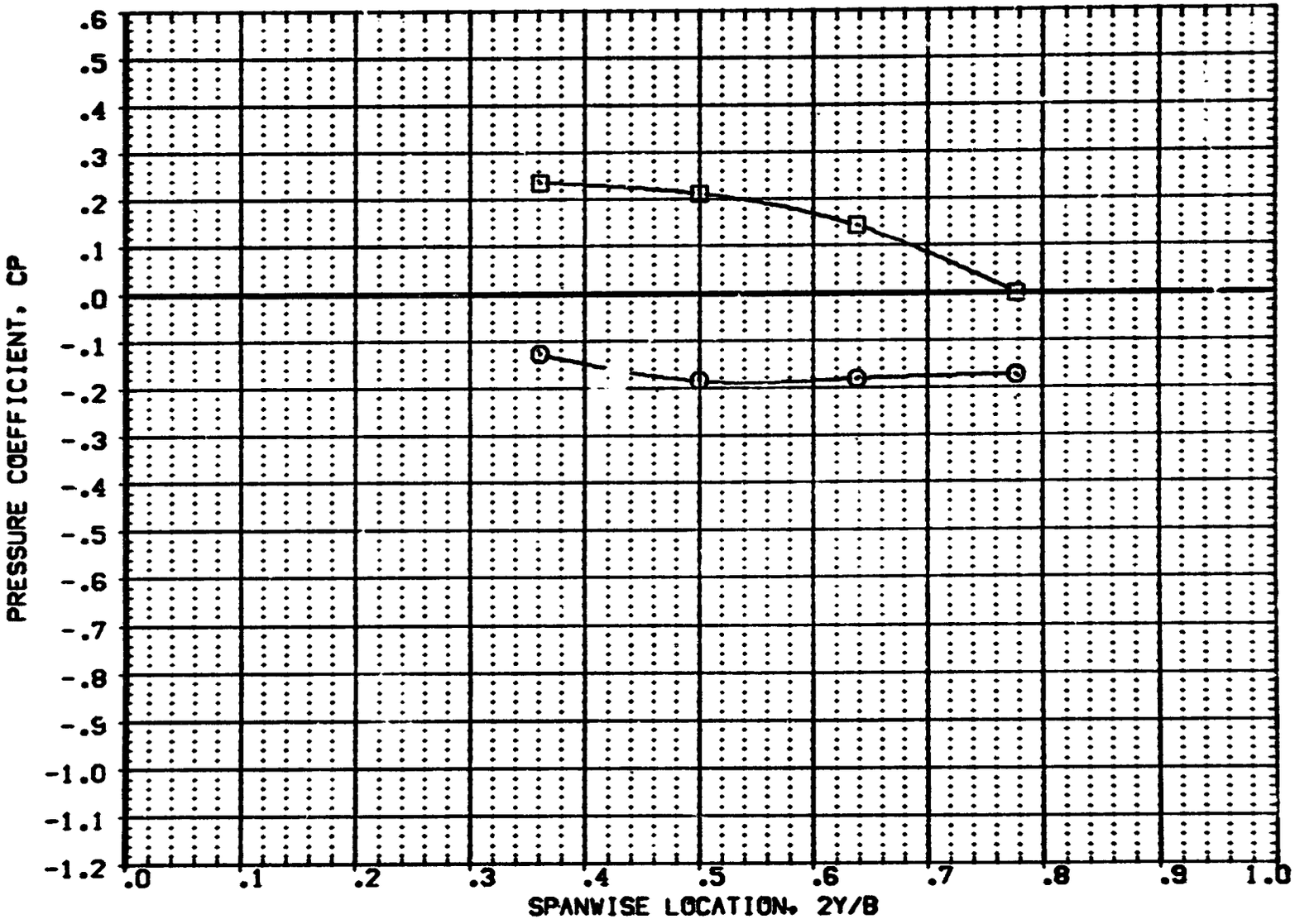

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.991 ALPHA = -1.960 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4L02) ○	IASB C1 F1	UPPER WING SURFACE .000
(RF4L02) □	IASB C1 F1	LOWER WING SURFACE .000

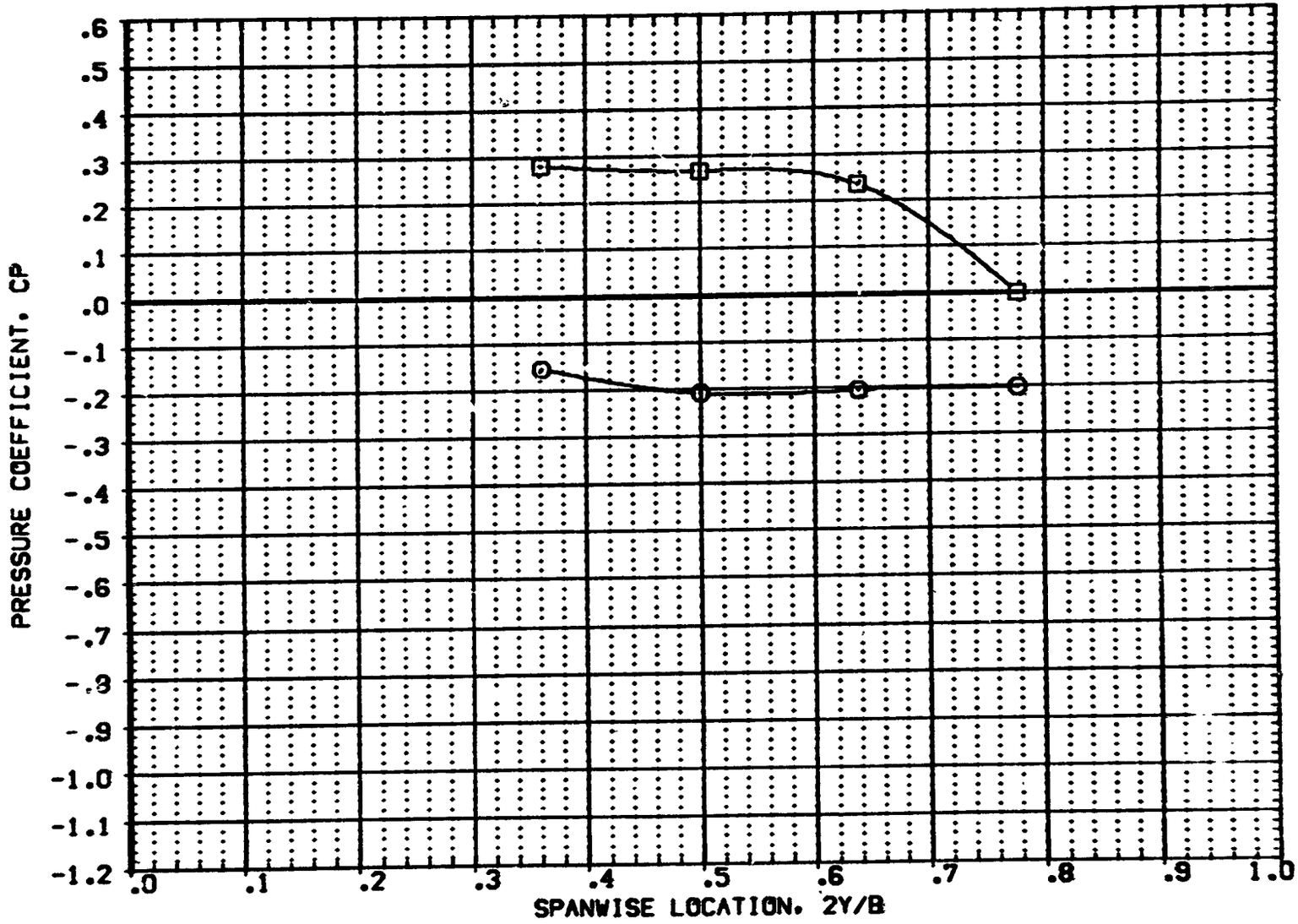

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.991 ALPHA = .020 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(RF4U02)	IA6B C1 F1	UPPER WING SURFACE .000
(RF4L02)	IA6B C1 F1	LOWER WING SURFACE .000

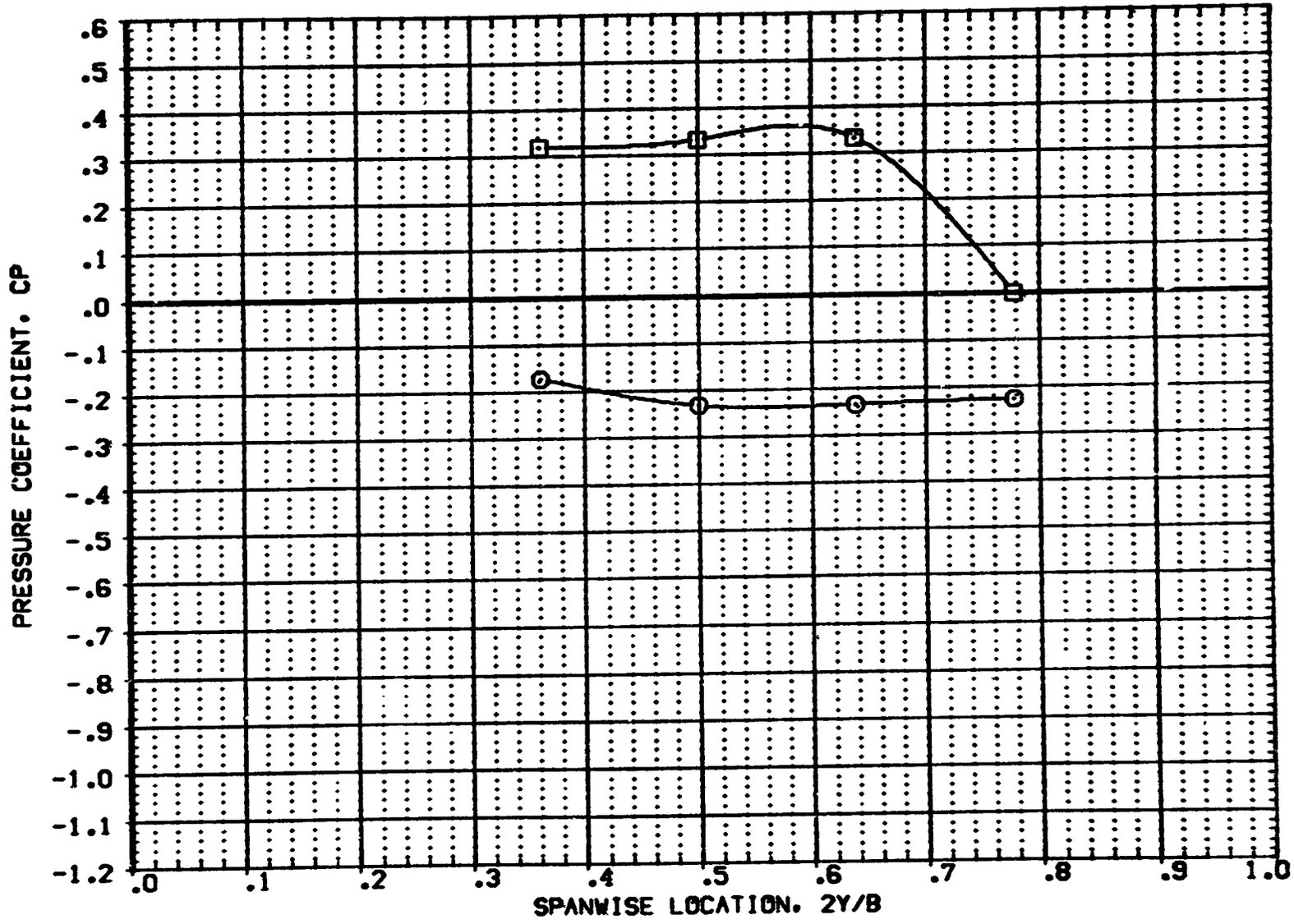

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.991 ALPHA = 2.050 X/C = .500

DATA SET SYMBOL CONFIGURATION DESCRIPTION

			BETA
[RF4L02]	○	[ASB C1 F1	UPPER WING SURFACE .000
[RF4L02]	□	[ASB C1 F1	LOWER WING SURFACE .000

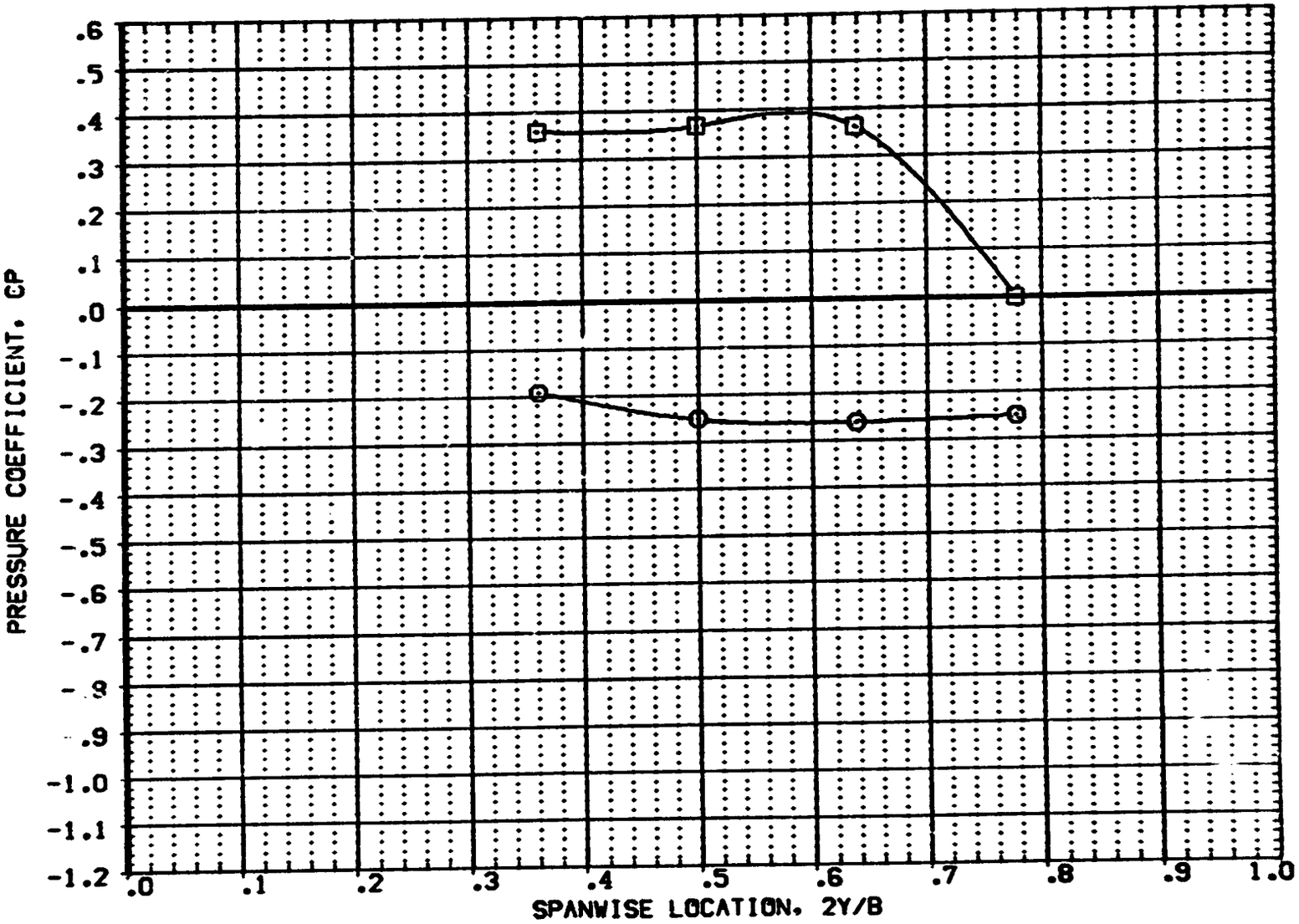

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.991 ALPHA = 4.050 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	○	IAGB C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IAGB C1 F1	LOWER WING SURFACE	.000

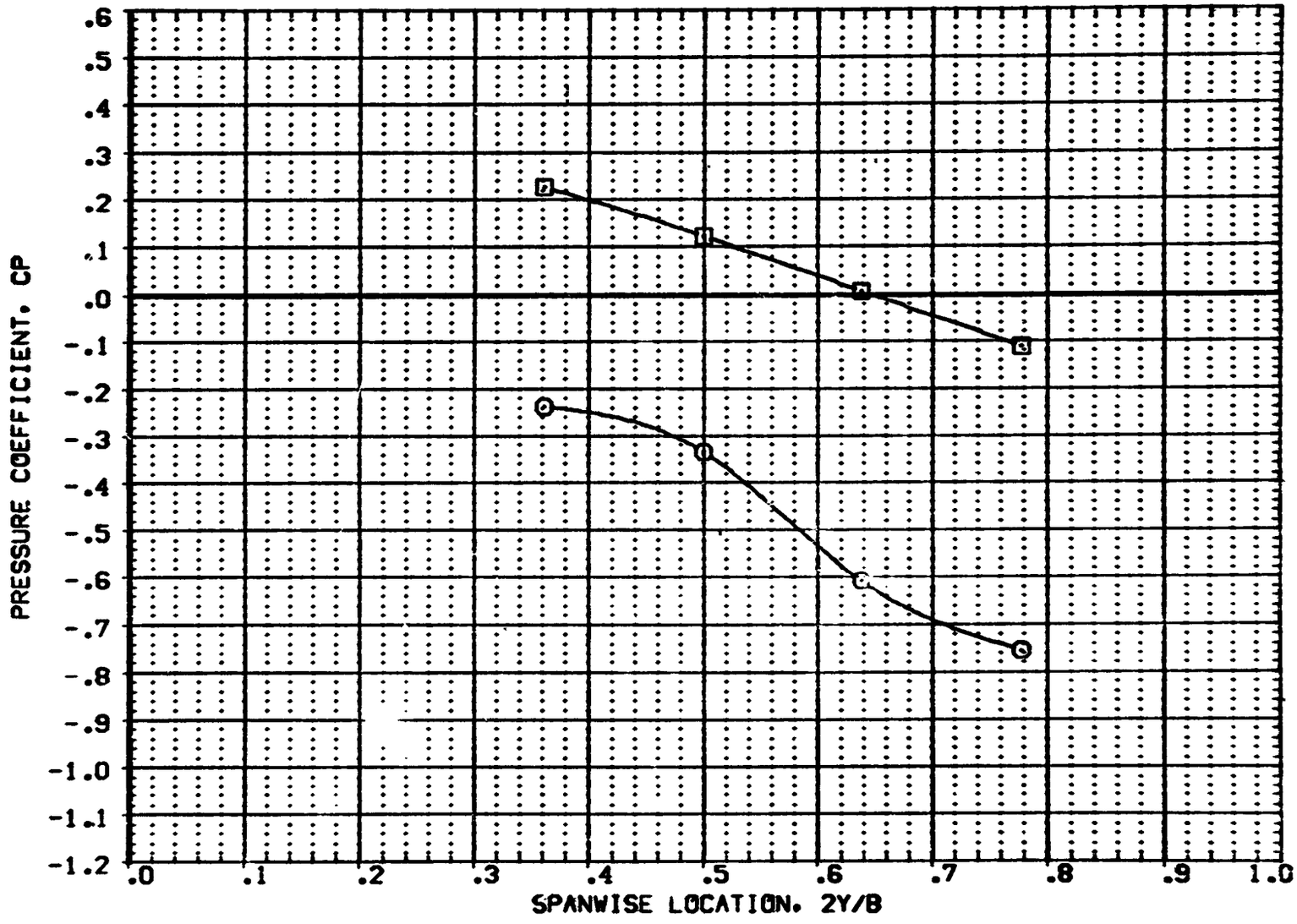

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH .899 BETA = -3.750 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4U03)	IASB C1 F1	UPPER WING SURFACE	.000
(RF4L03)	IASB C1 F1	LOWER WING SURFACE	.000

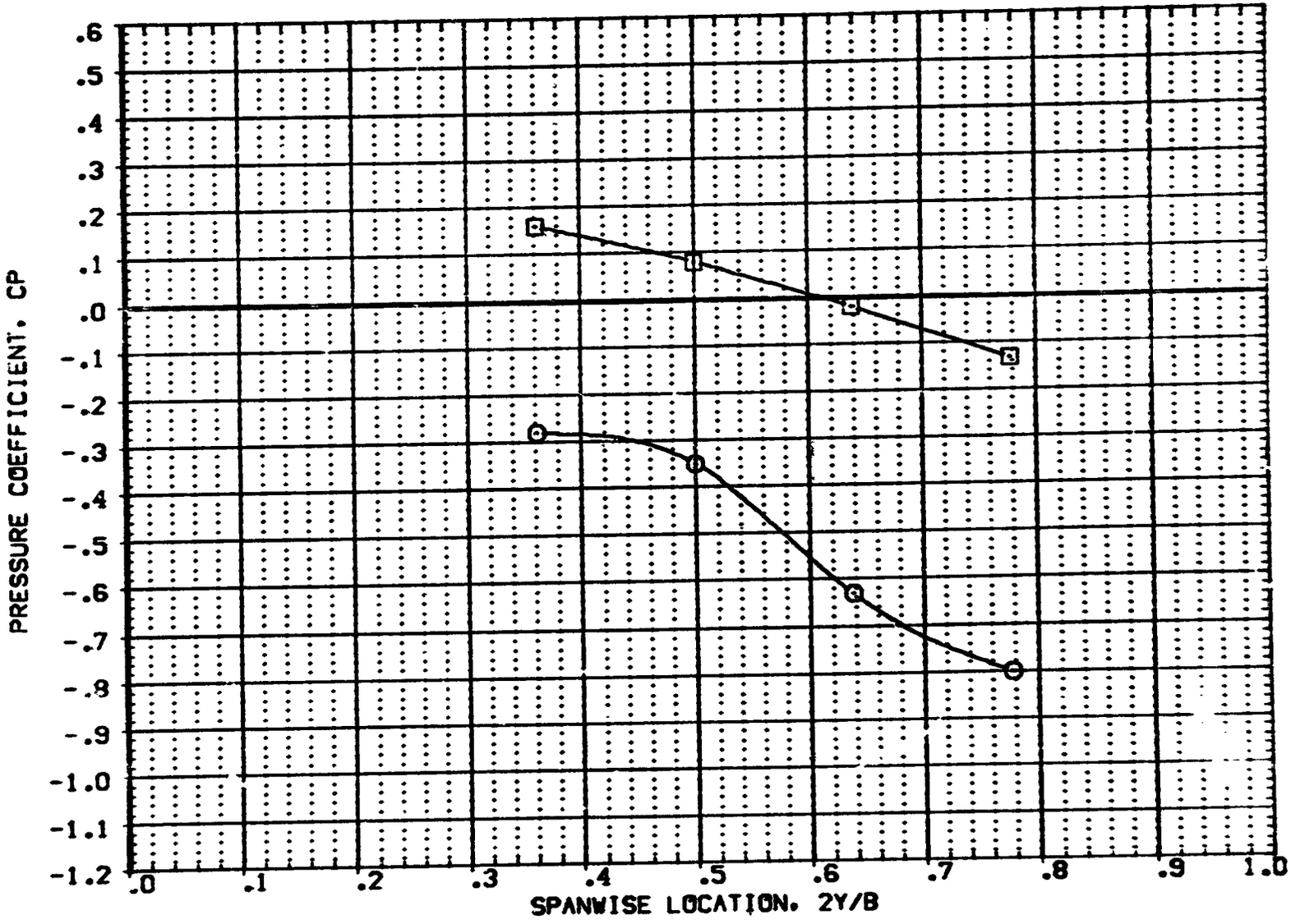

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .899 BETA = -1.860 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	○	IA6B C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IA6B C1 F1	LOWER WING SURFACE	.000

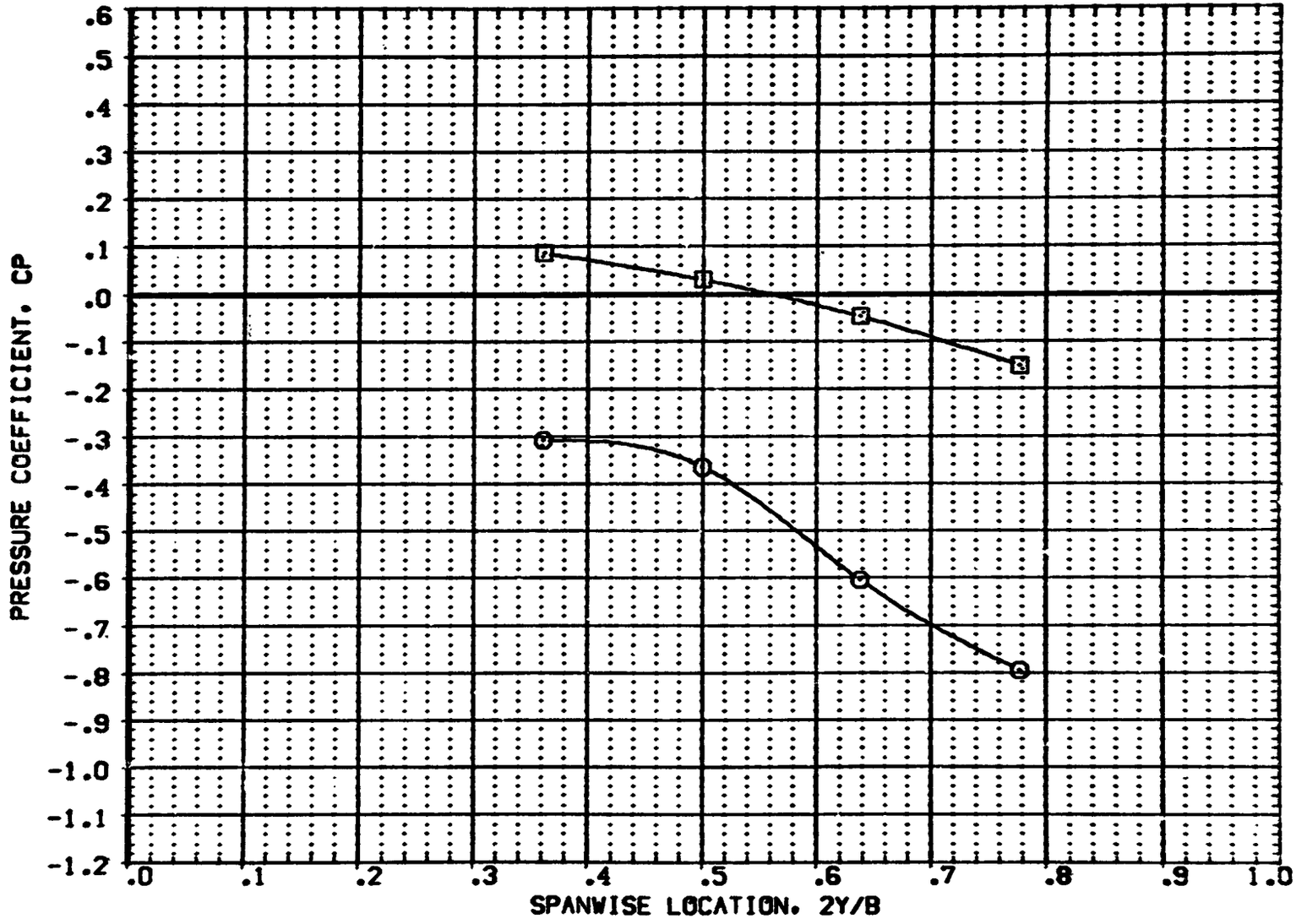

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .899 BETA = .050 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(RF4L03)	○	IA6B C1 F1	UPPER WING SURFACE .000
(RF4L03)	□	IA6B C1 F1	LOWER WING SURFACE .000

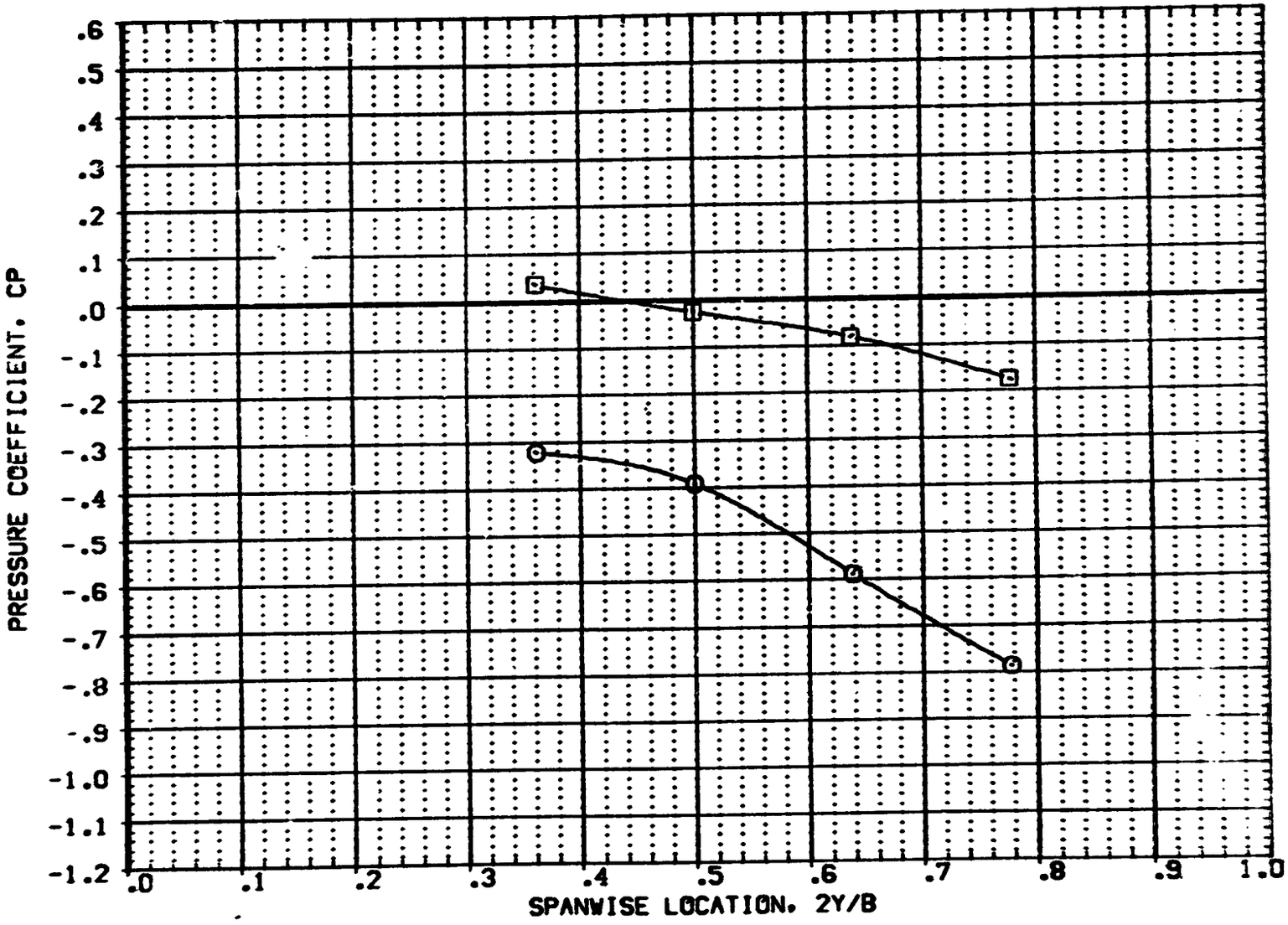

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .899 BETA = 1.970 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03) ○	IA68 C1 F1	UPPER WING SURFACE	.000
(RF4L03) □	IA68 C1 F1	LOWER WING SURFACE	.000

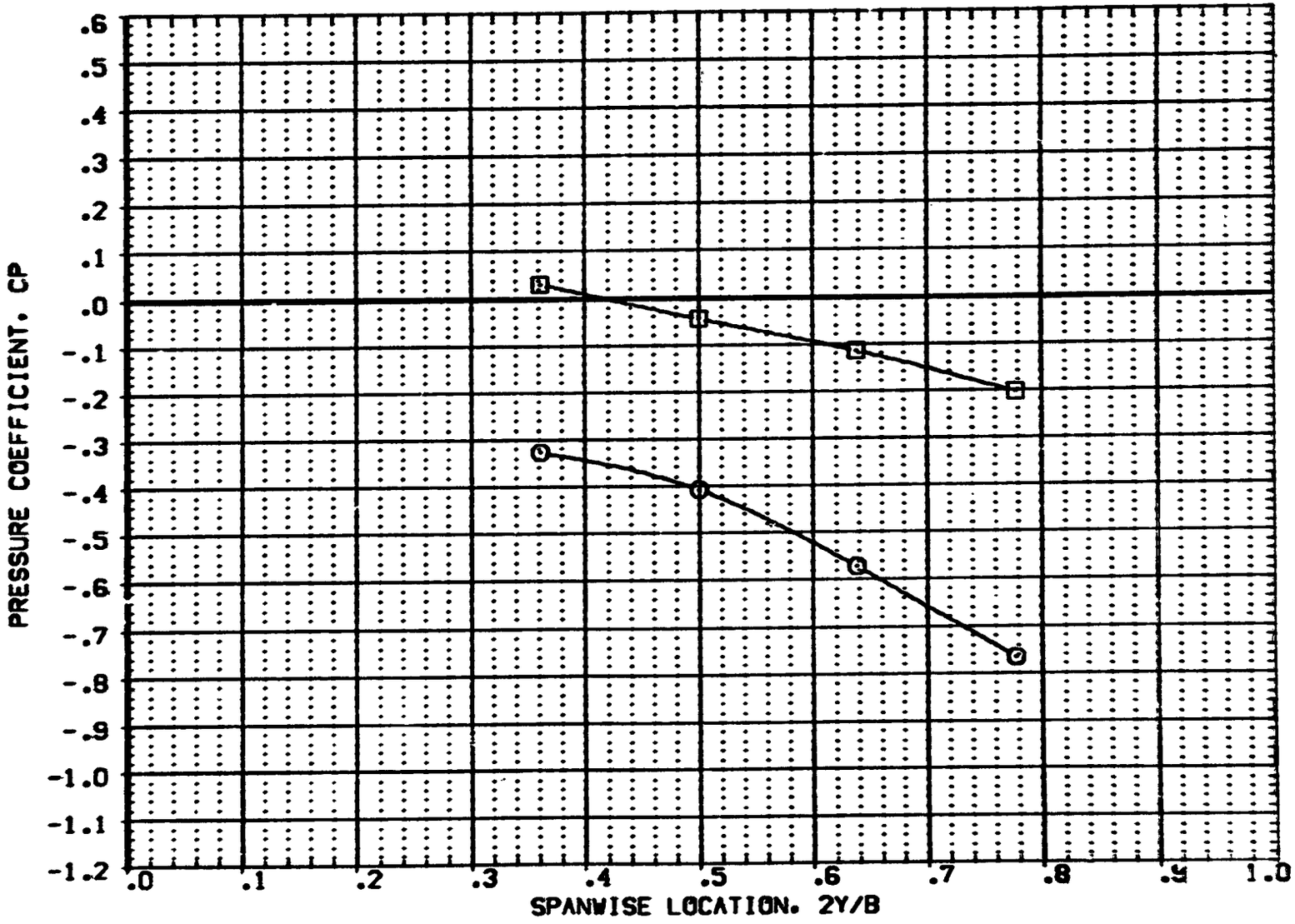

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = .899 BETA = 3.970 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[RF4L03]	○	IA6B C1 F1 UPPER WING SURFACE	.000
[RF4L03]	□	IA6B C1 F1 LOWER WING SURFACE	.000

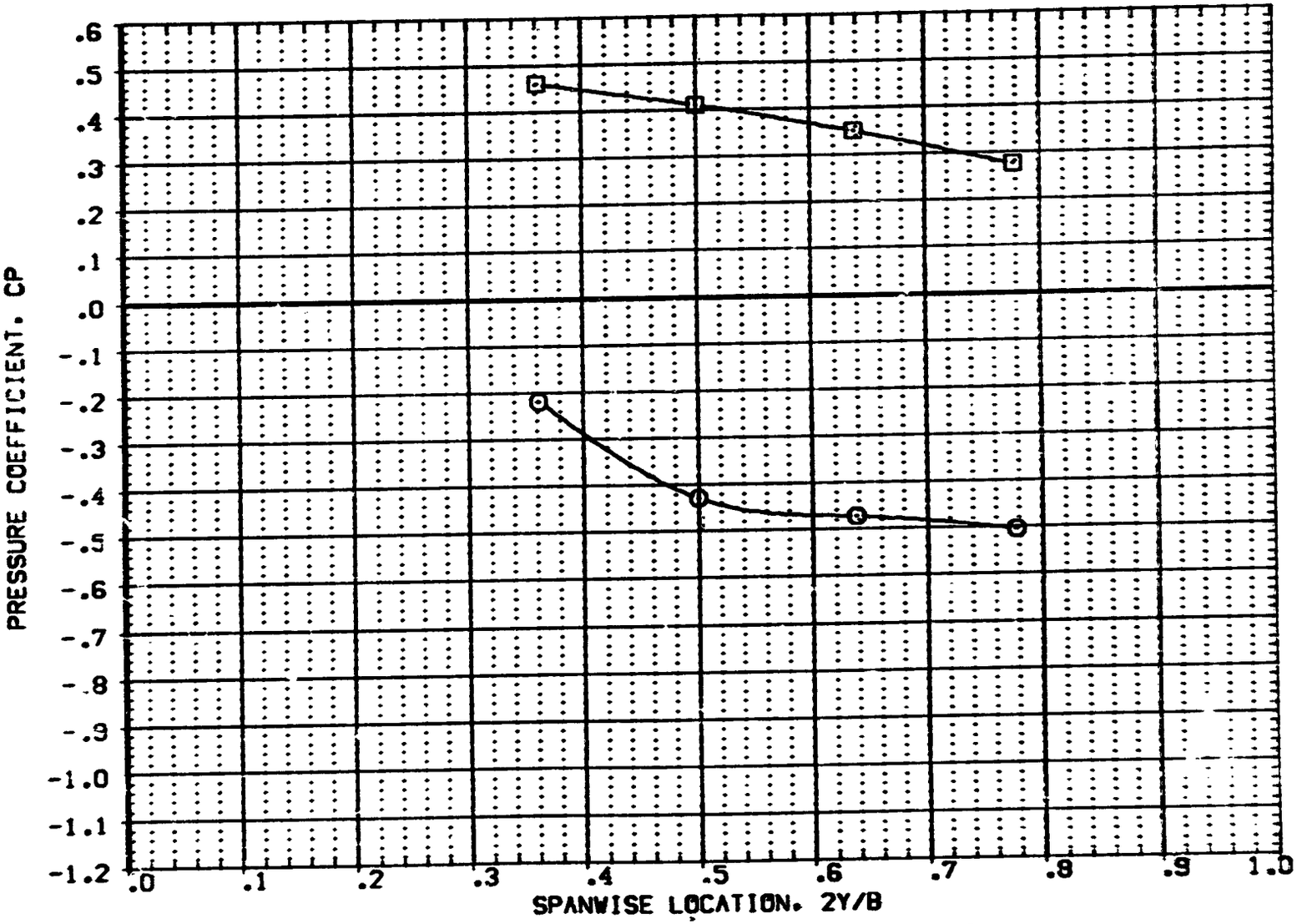

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 BETA = -3.850 X/C = .500

C-3

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4U03)	8	UPPER WING SURFACE	.000
(RF4L03)	8	LOWER WING SURFACE	.000

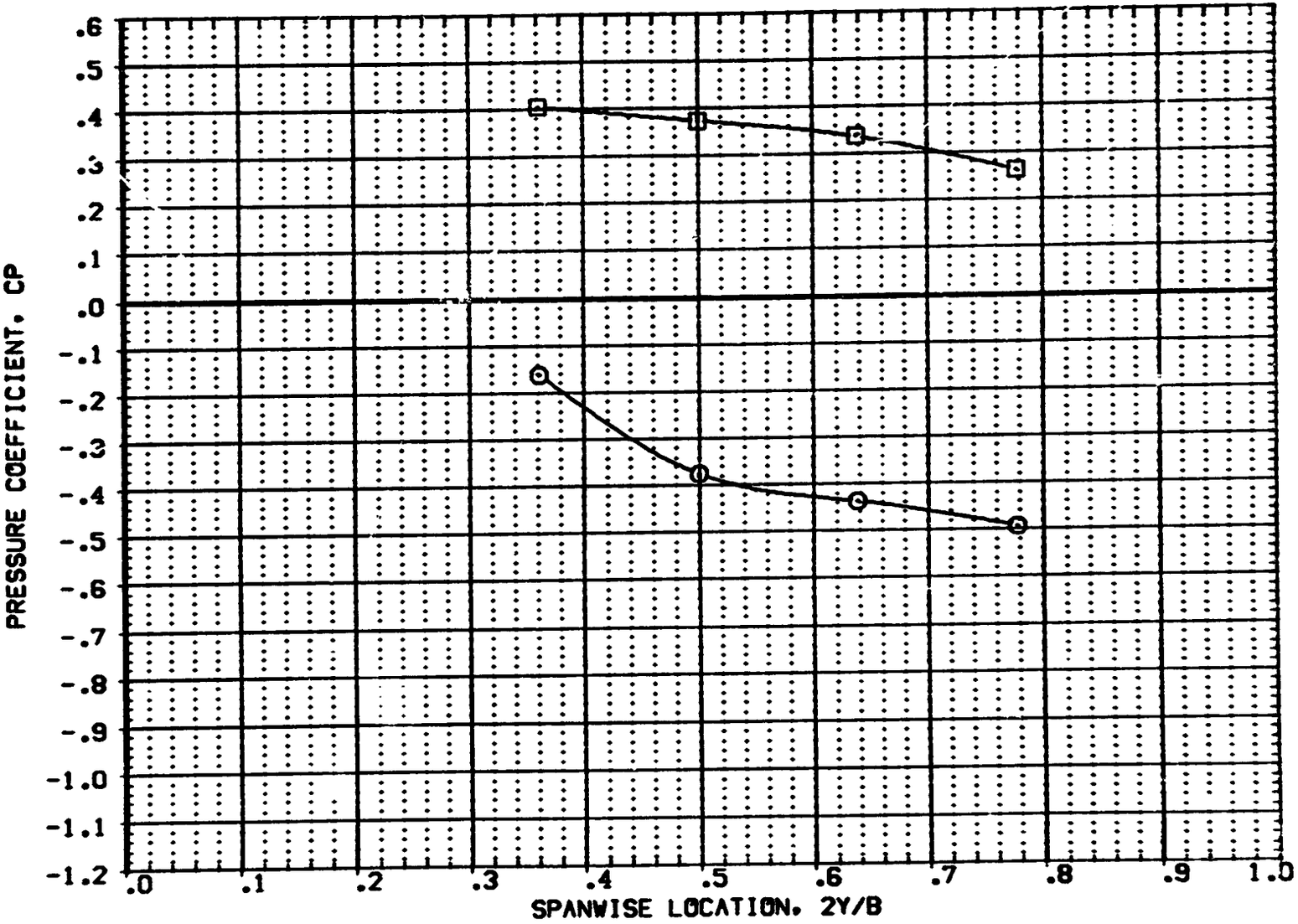

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 BETA = -1.900 X/C = .500

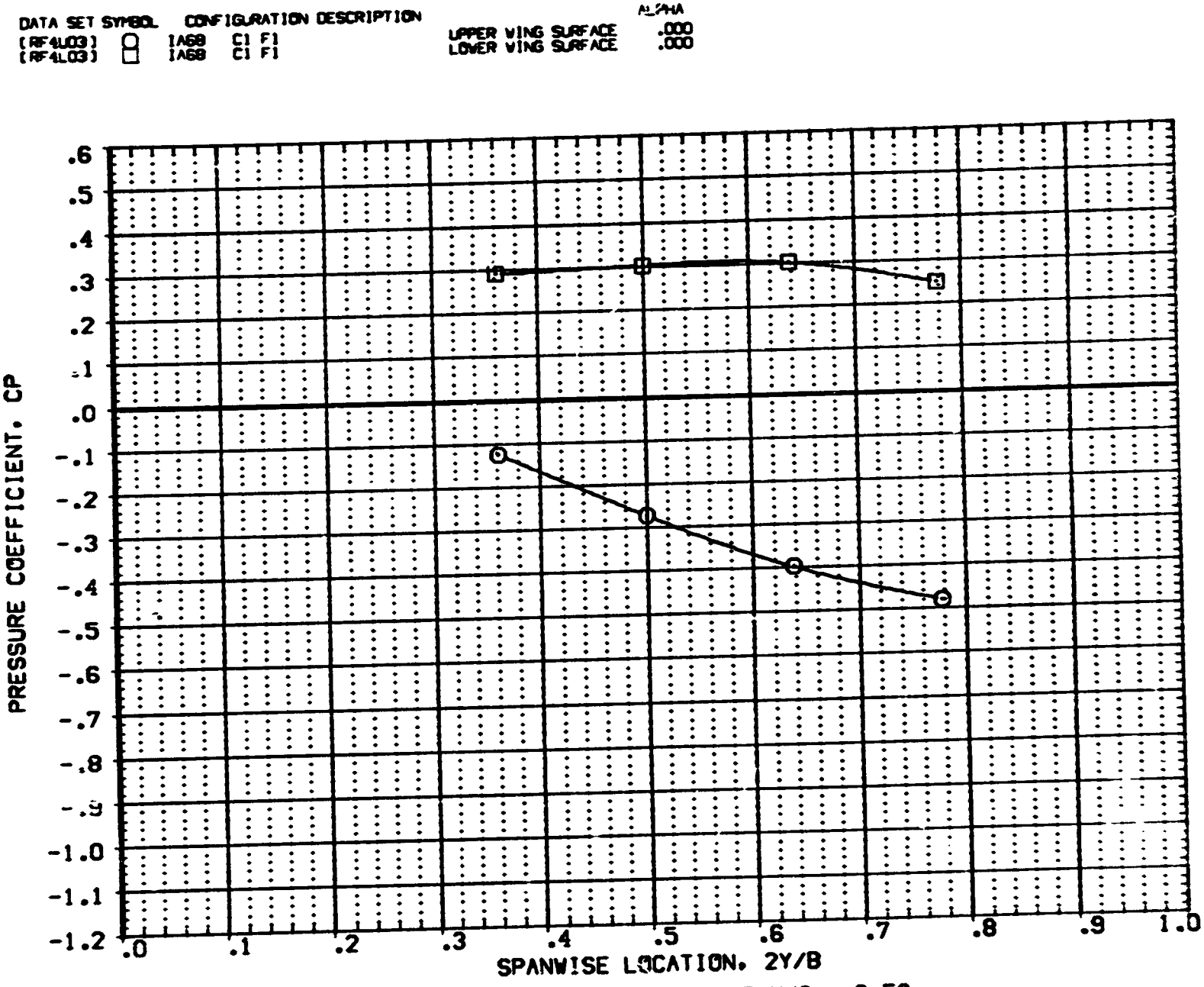

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 BETA = .000 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	○	1A6B C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	1A6B C1 F1	LOWER WING SURFACE	.000

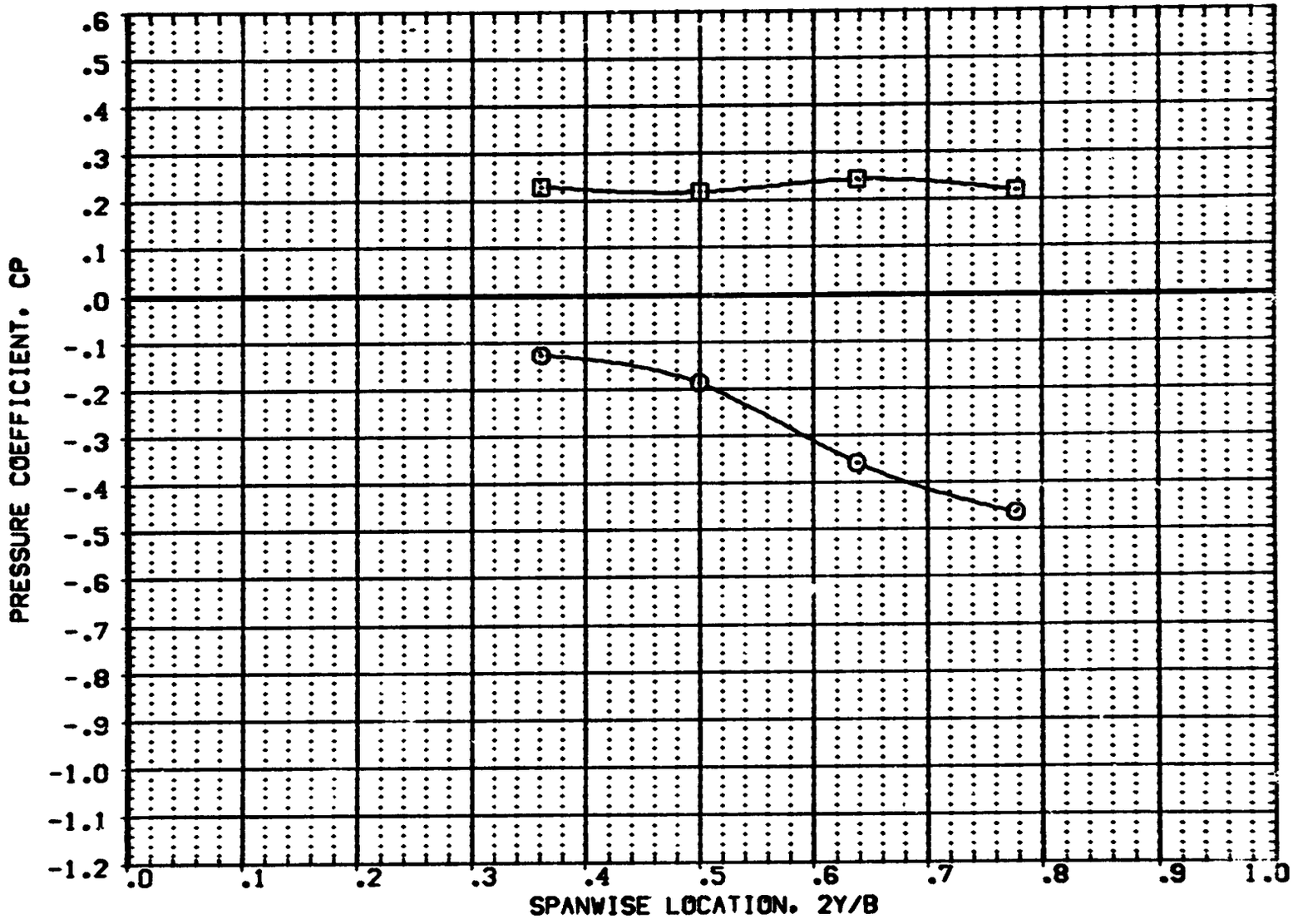

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 BETA = 1.900 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	○	IA68 C1 F1	UPPER WING SURFACE	.000
(RF4L03)	□	IA68 C1 F1	LOWER WING SURFACE	.000

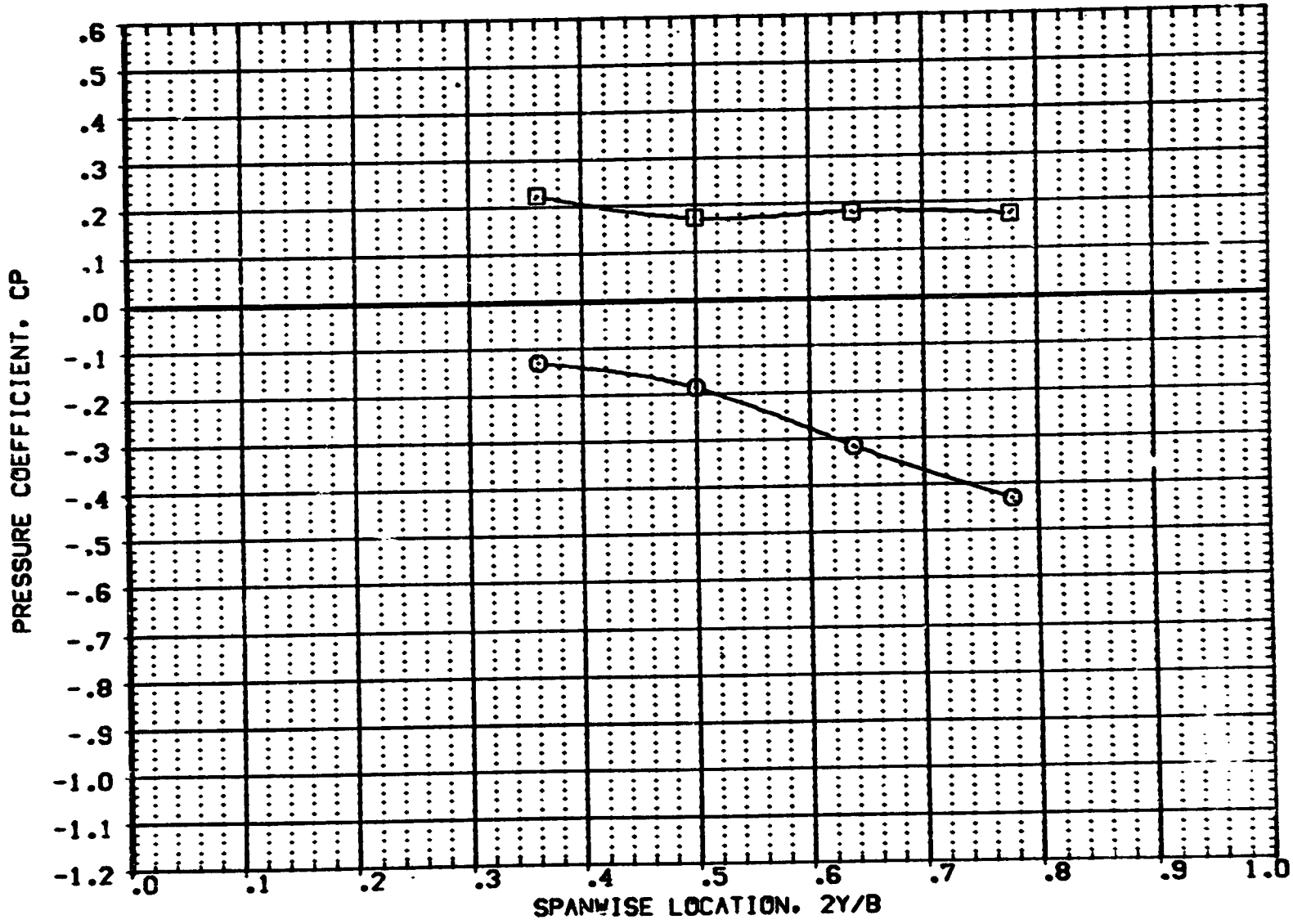

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.211 BETA = 3.920 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
[RF4L03]	[A6B C1 F1]	UPPER WING SURFACE	.000
[RF4L03]	[A6B C1 F1]	LOWER WING SURFACE	.000

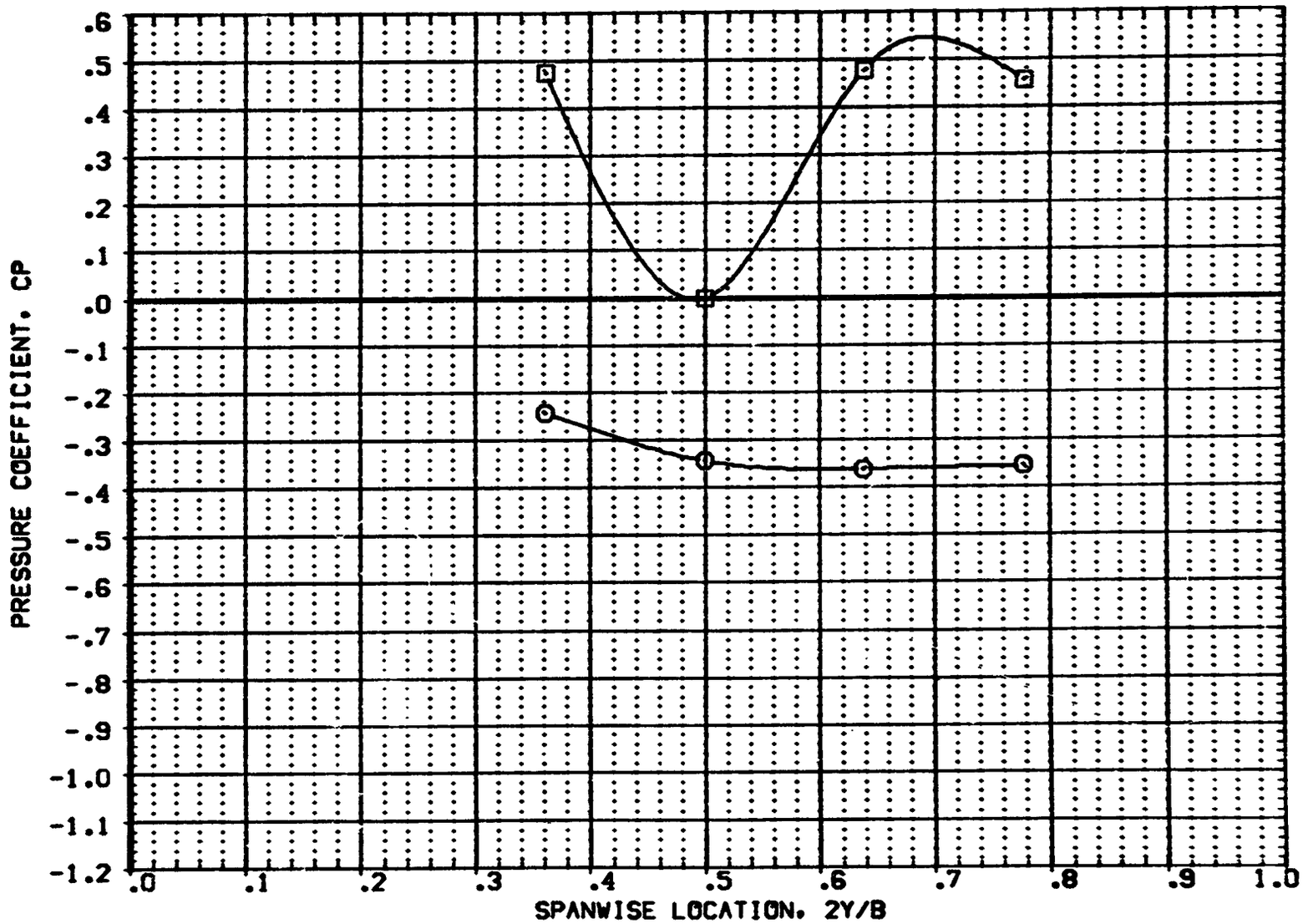

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 BETA = -3.910 X/C = .500

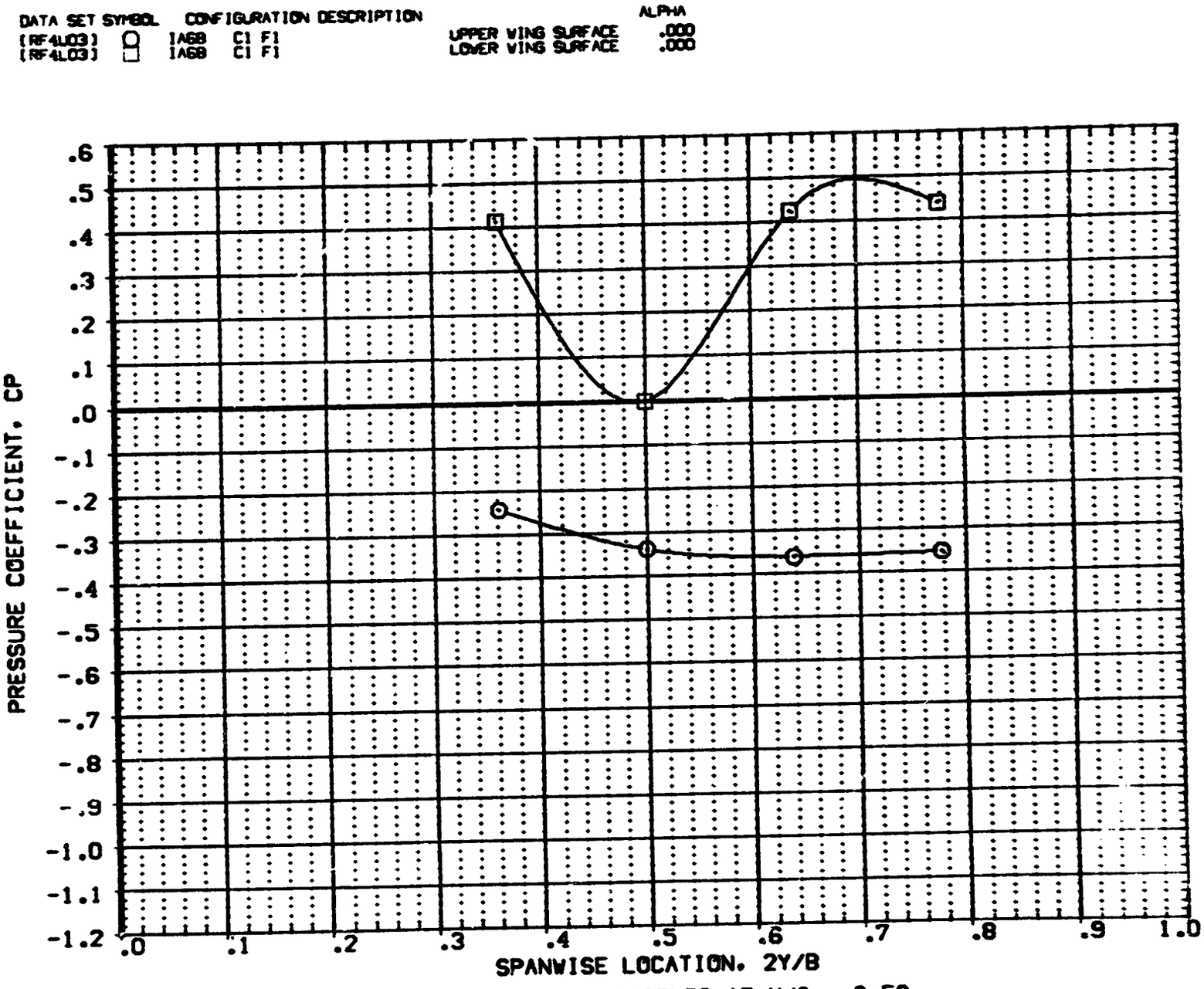

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 BETA = -1.980 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ALPHA
[RF4L03]	○	IA68 C1 F1	UPPER WING SURFACE	.000
[RF4L03]	□	IA68 C1 F1	LOWER WING SURFACE	.000

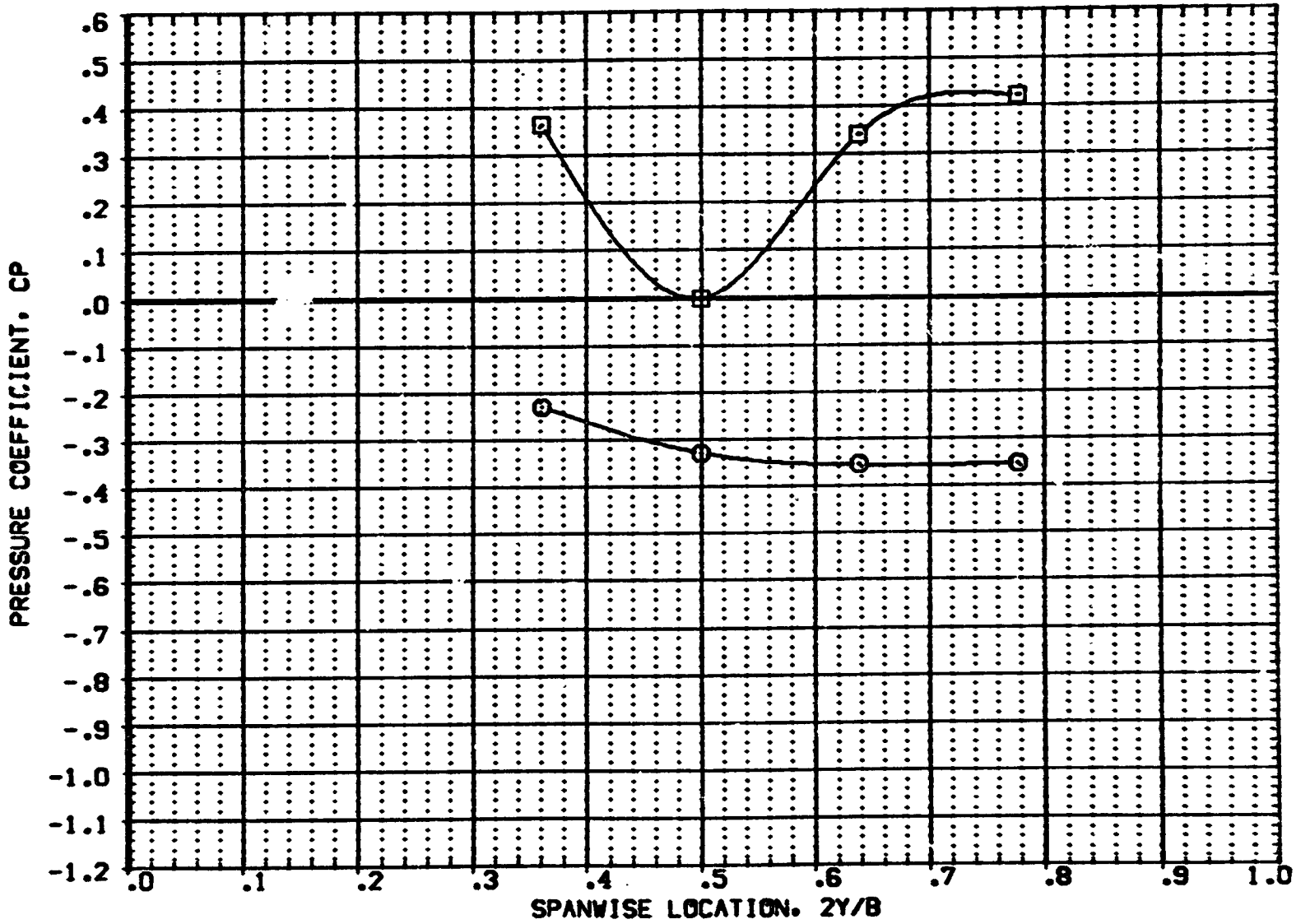

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 BETA = -.070 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ALPHA
[RF4L03]	⊡	!A6B C1 F1	UPPER WING SURFACE	.000
[RF4L03]	⊟	!A6B C1 F1	LOWER WING SURFACE	.000

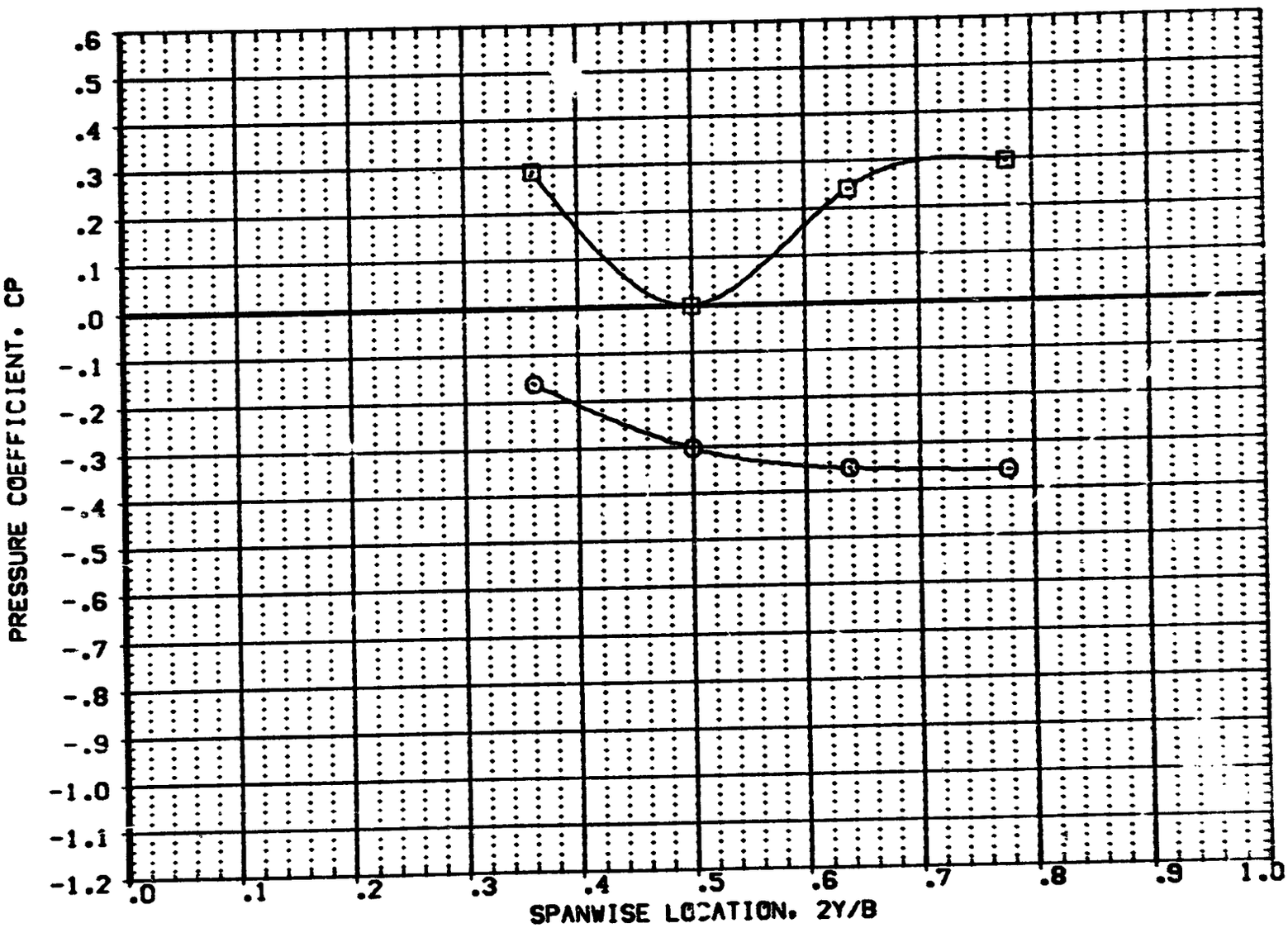

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 BETA = 1.910 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4LC2)	IASB C1 F1	UPPER WING SURFACE	.000
(RF4LC3)	IASB C1 F1	LOWER WING SURFACE	.000

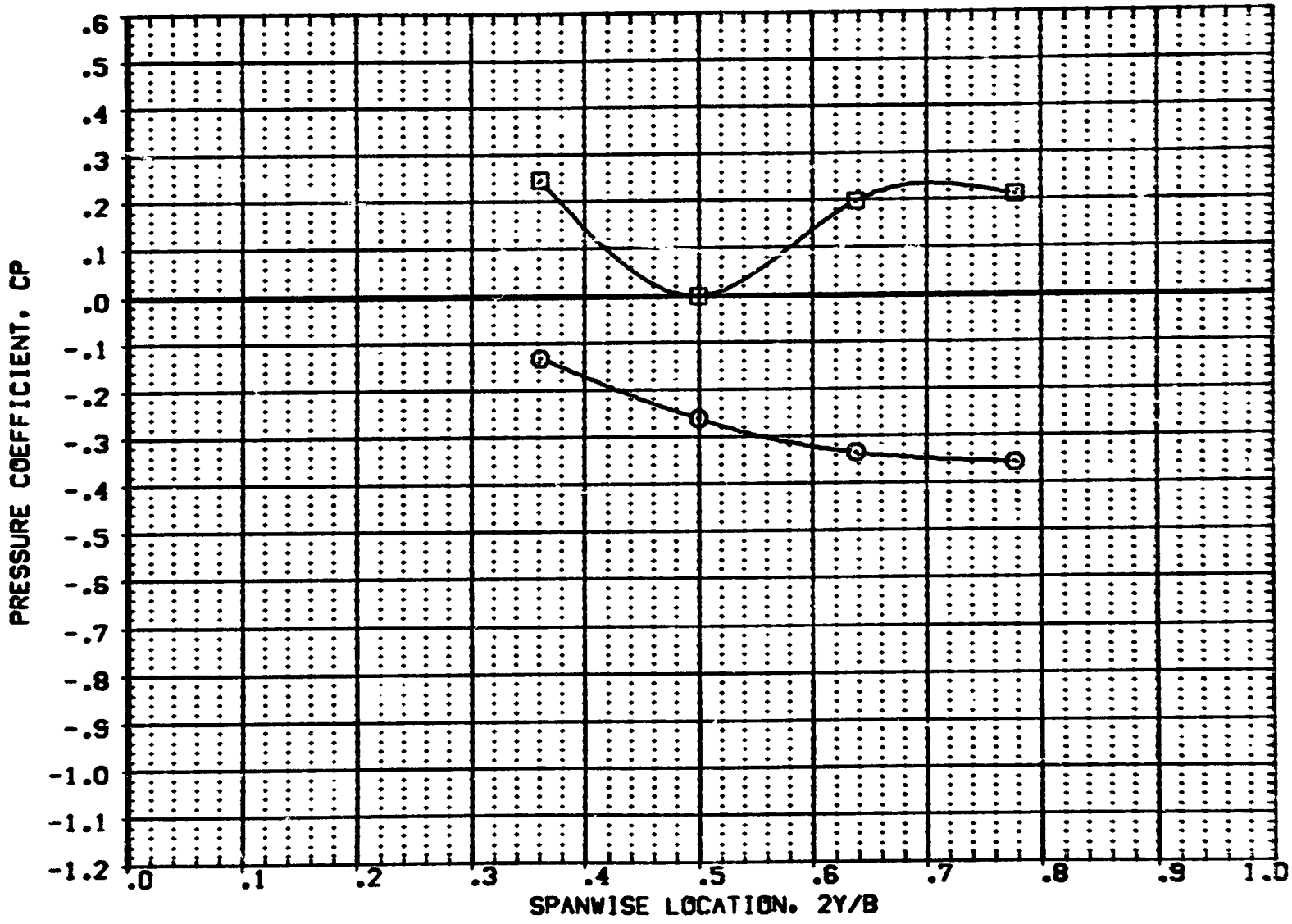

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.503 BETA = 3.980 X/C = .500

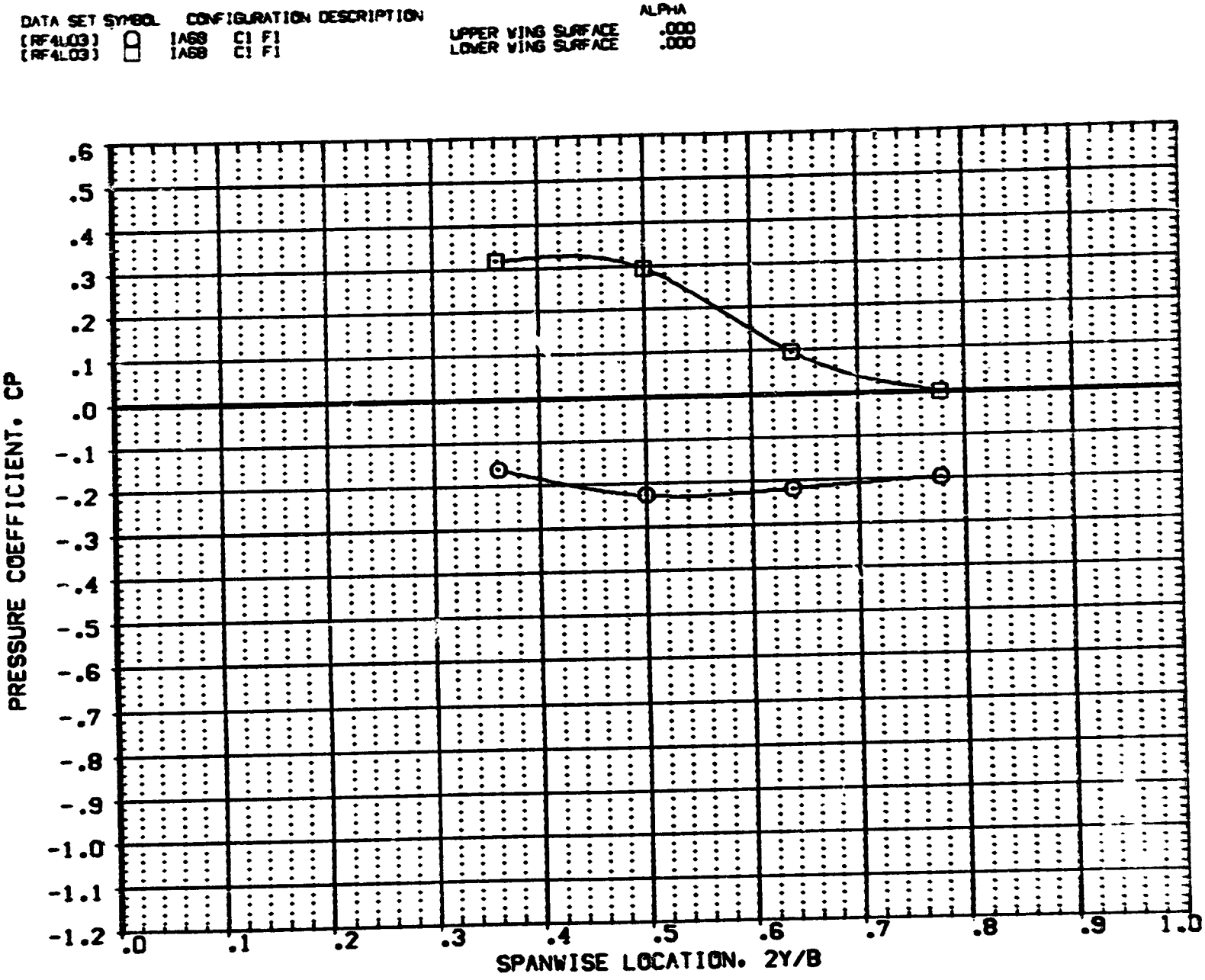

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.991 BETA = -3.830 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)		IASB	C1 F1	UPPER WING SURFACE .000
(RF4L03)		IASB	C1 F1	LOWER WING SURFACE .000

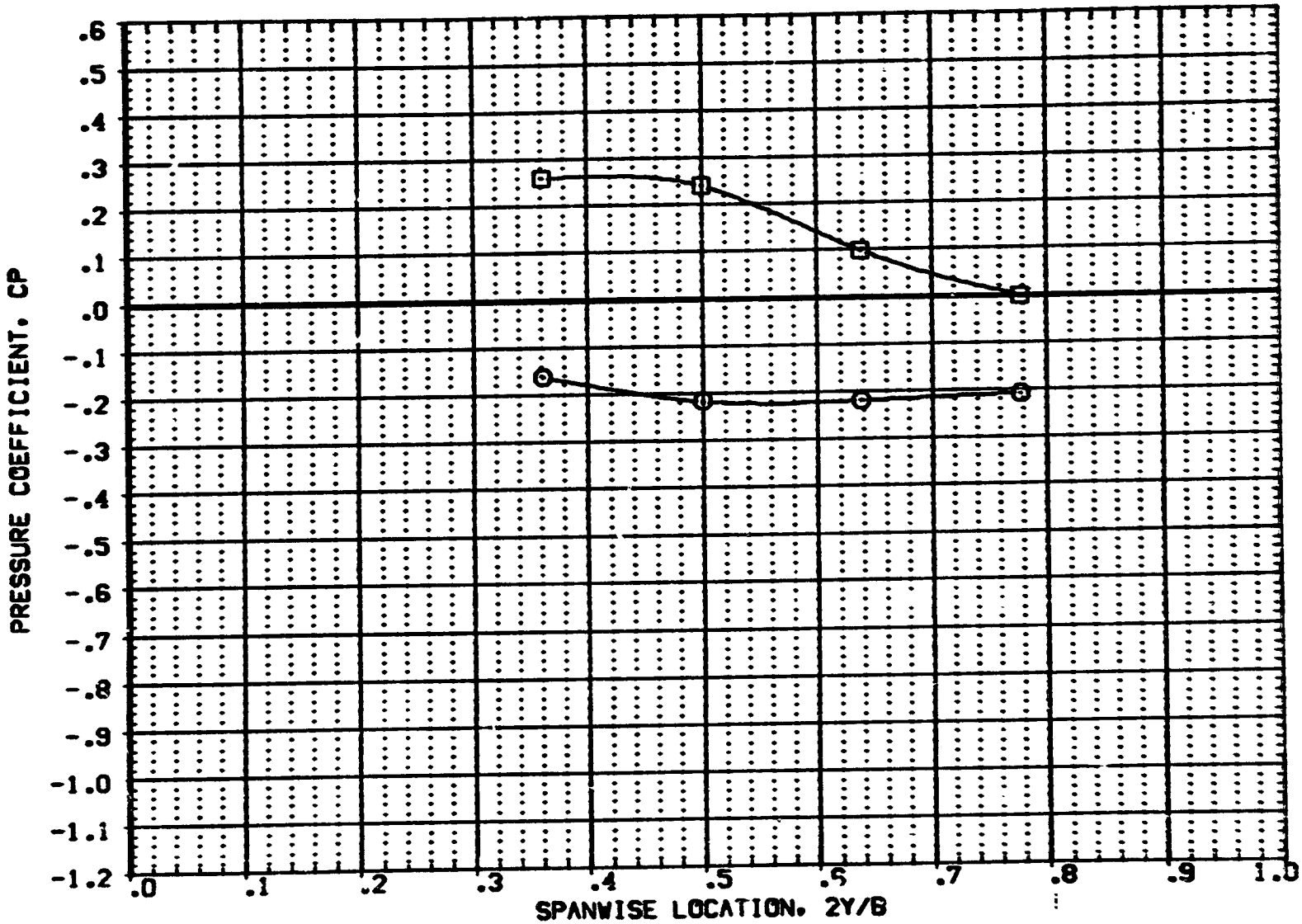

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.991 BETA = -1.900 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		ALPHA
(RF4L03)	○	IAGB CI FI	UPPER WING SURFACE	.000
(RF4L03)	□	IAGB CI FI	LOWER WING SURFACE	.000

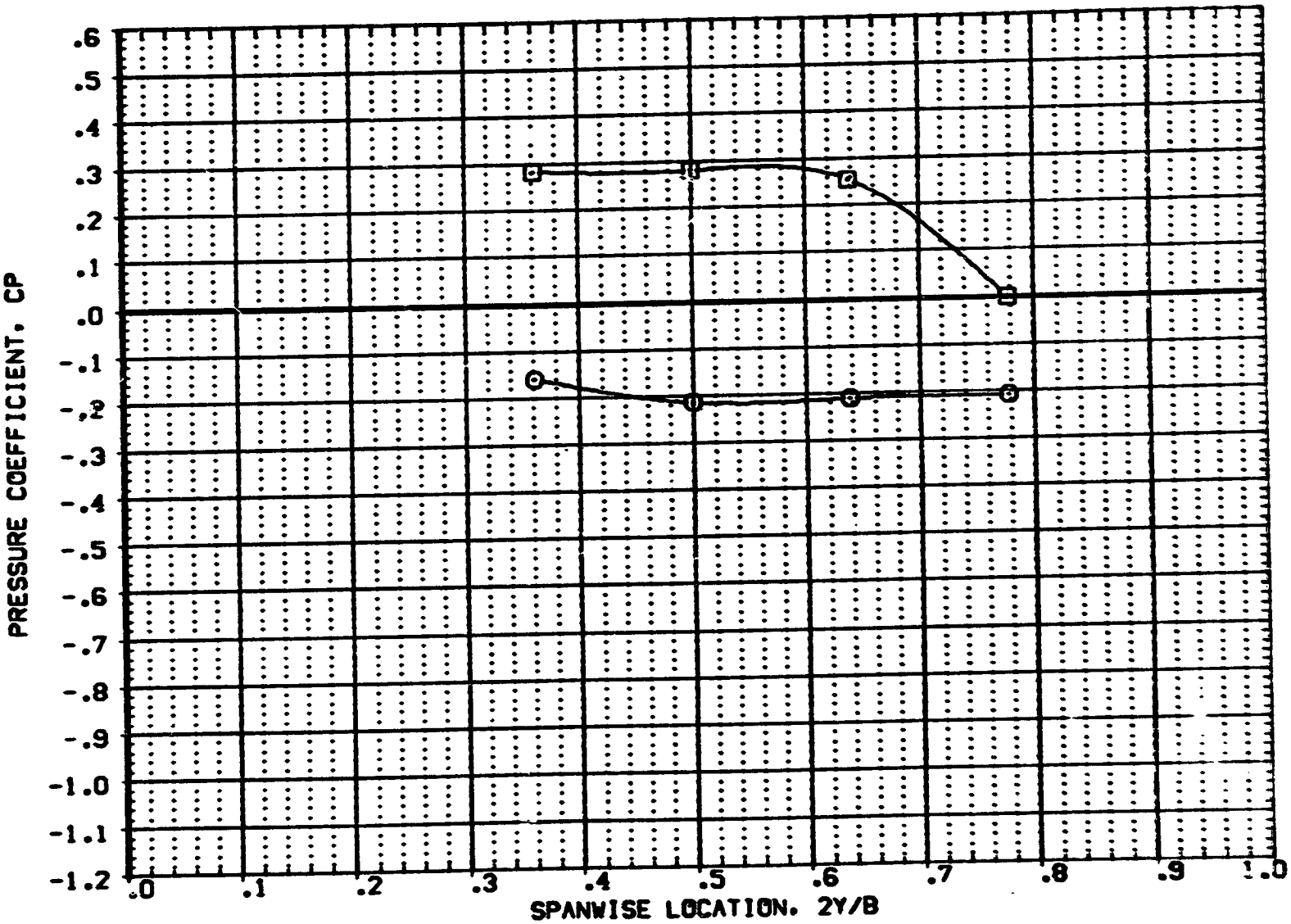

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.991 BETA = .050 X/C = .500

DATA SET 5[illegible] CONFIGURATION DESCRIPTION

			ALPHA
(RF4L03)	○	IASB C1 F1	UPPER WING SURFACE .000
(RF4L03)	□	IASB C1 F1	LOWER WING SURFACE .000

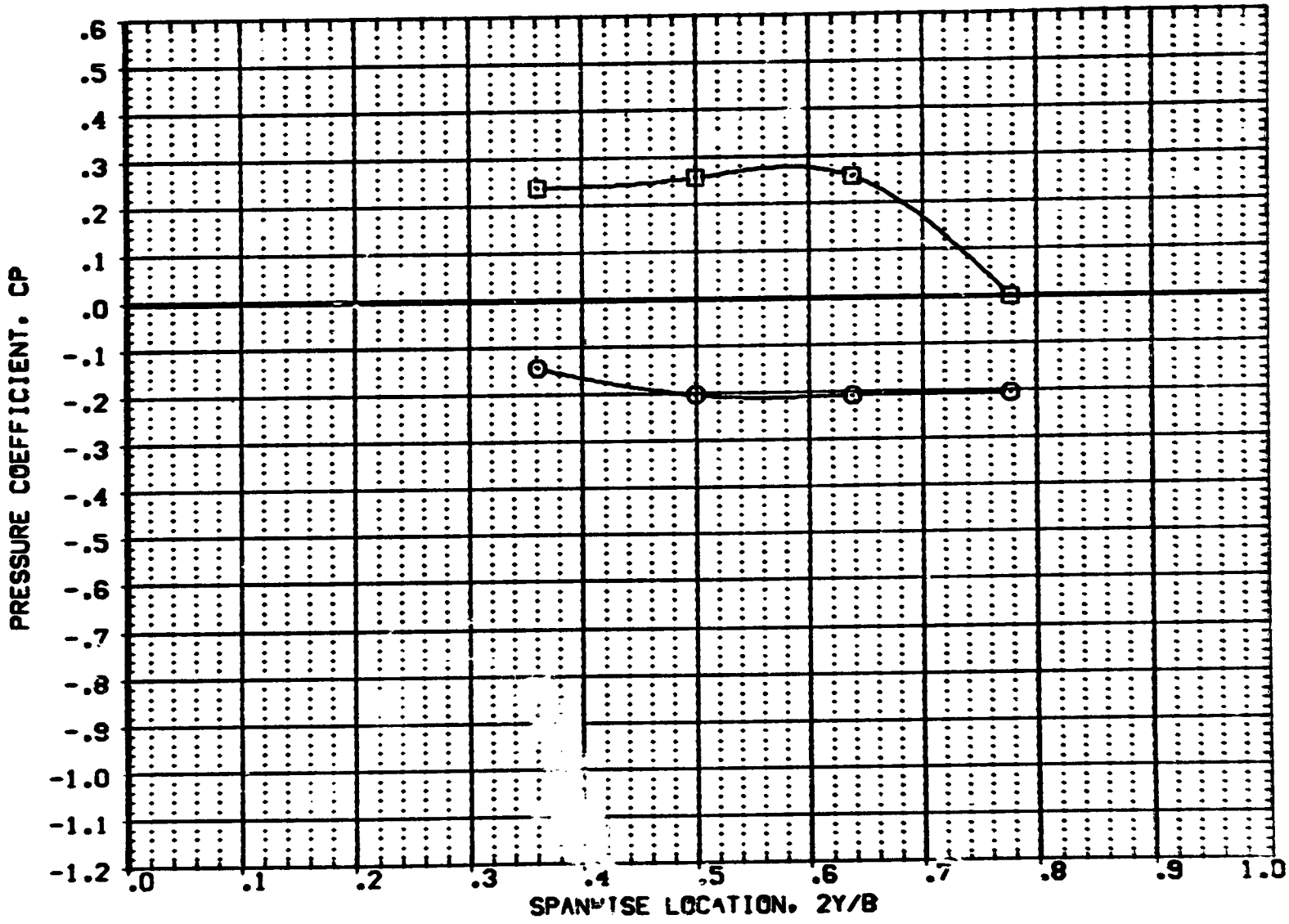

FIG 9 WING SPANWISE PRESSURE [illegible]FFICIENTS AT X/C = 0.50

MACH = 1.991 BETA = 2.020 X/C .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(RF4U03) ○	IA6B C1 F1	UPPER WING SURFACE	.000
(RF4L03) □	IA6B C1 F1	LOWER WING SURFACE	.000

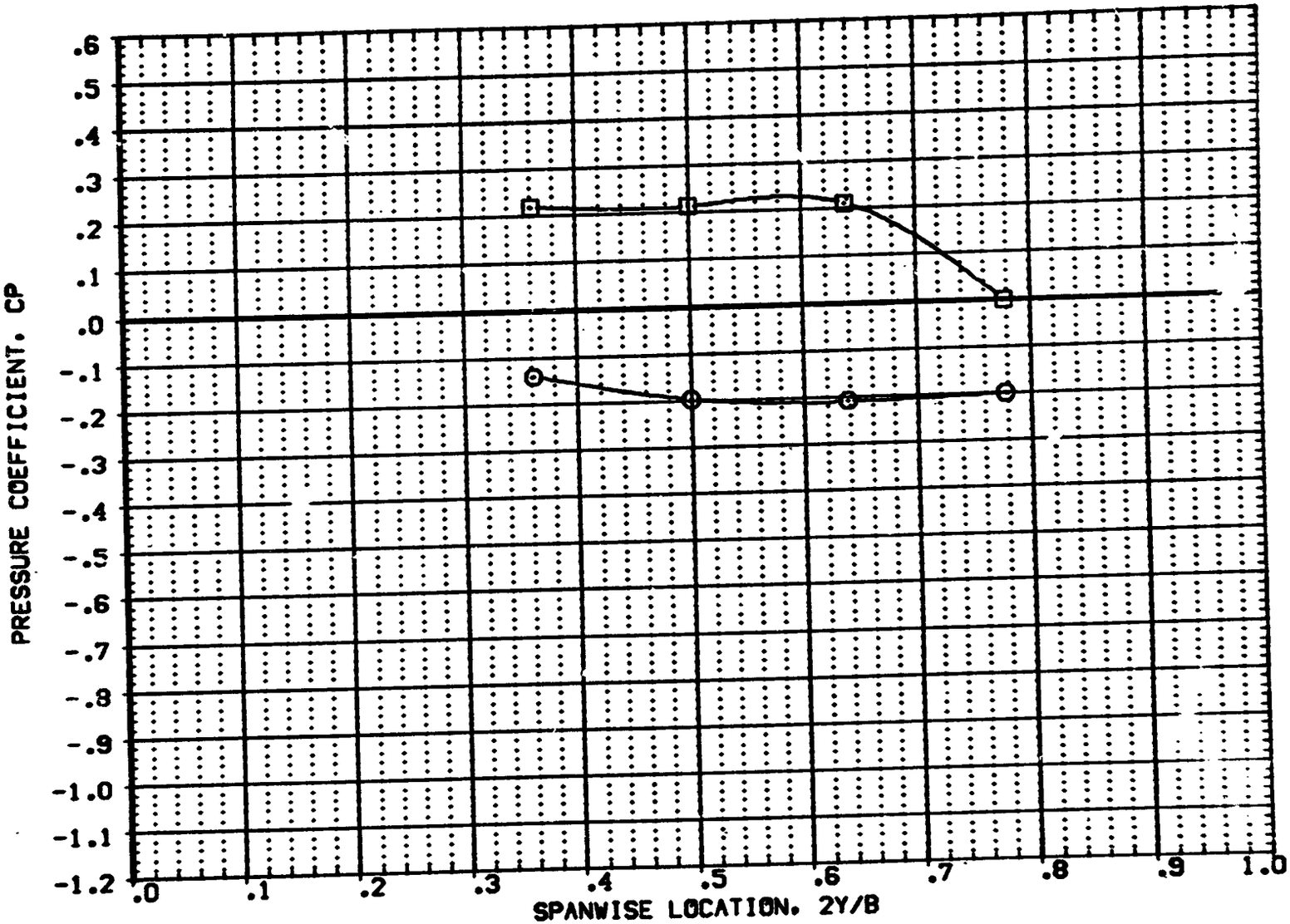

FIG 9 WING SPANWISE PRESSURE COEFFICIENTS AT X/C = 0.50

MACH = 1.991 BETA = 3.890 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4LO4)	8	!ASB (C1 F1 M1[1]) - (C1 F1) UPPER WING	.000
(AF4LO4)	8	!ASB (C1 F1 M1[1]) - (C1 F1) LOWER WING	.000

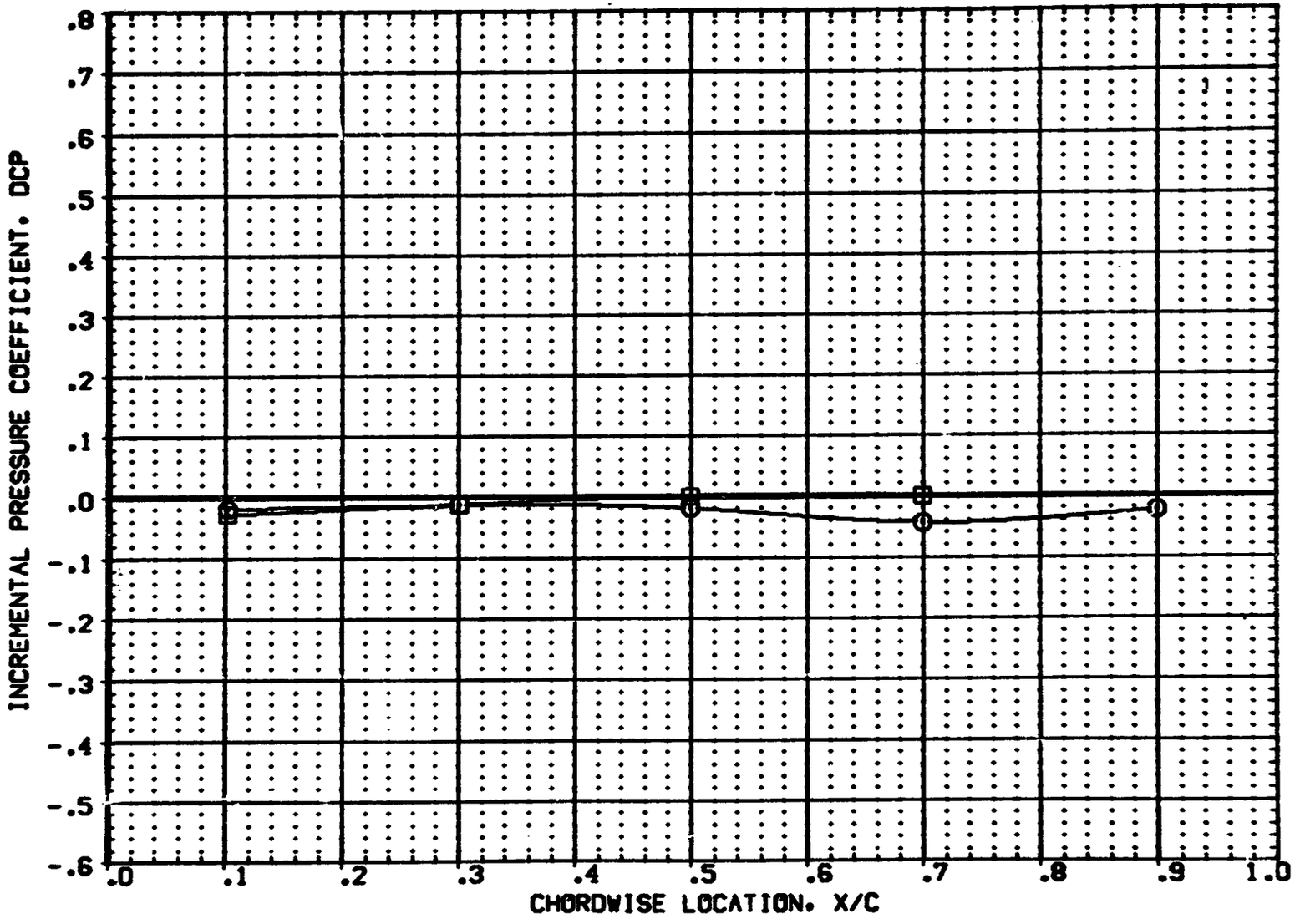

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -3.870 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L04)	IA6B (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L04)	IA6B (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

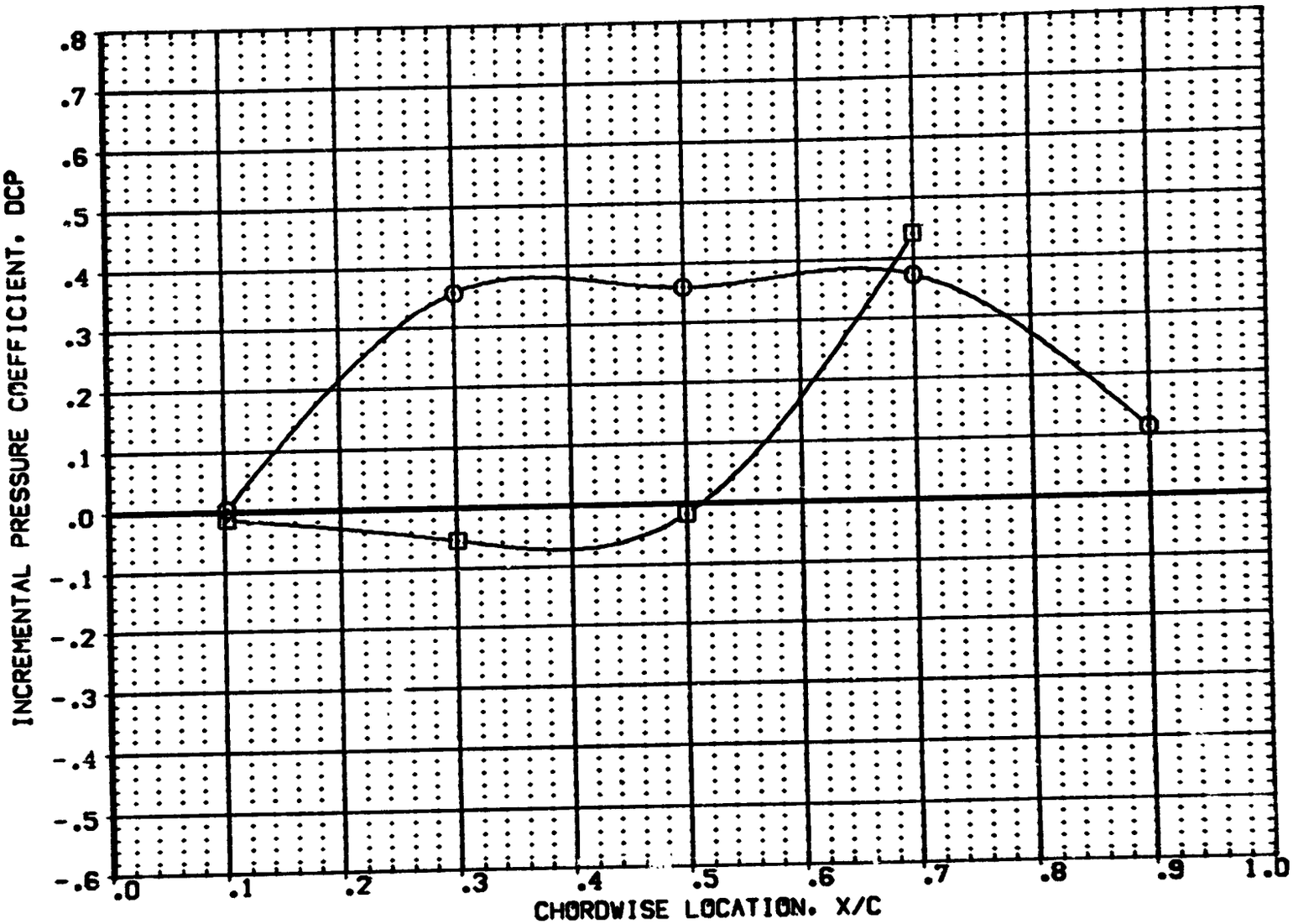

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -2.000 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L04)	IASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L04)	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

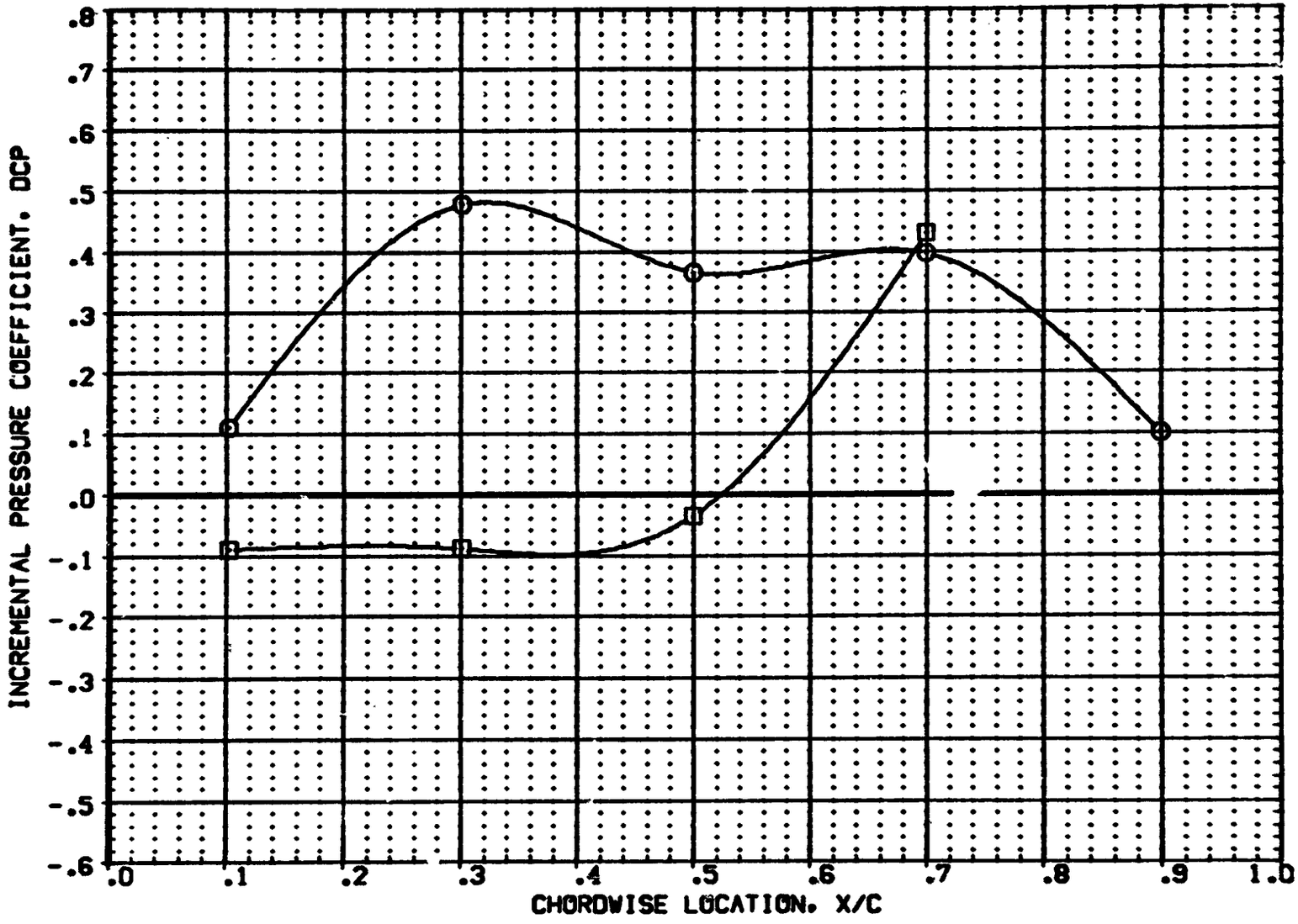

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = .000 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4LO4]	[AGB [C] F] M1[]] - [C] F]] UPPER WING	.000
[AF4LO4]	[AGB [C] F] M1[]] - [C] F]] LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = -3.910 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4LO4)	⊟	IASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4LO4)	⊟	IASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

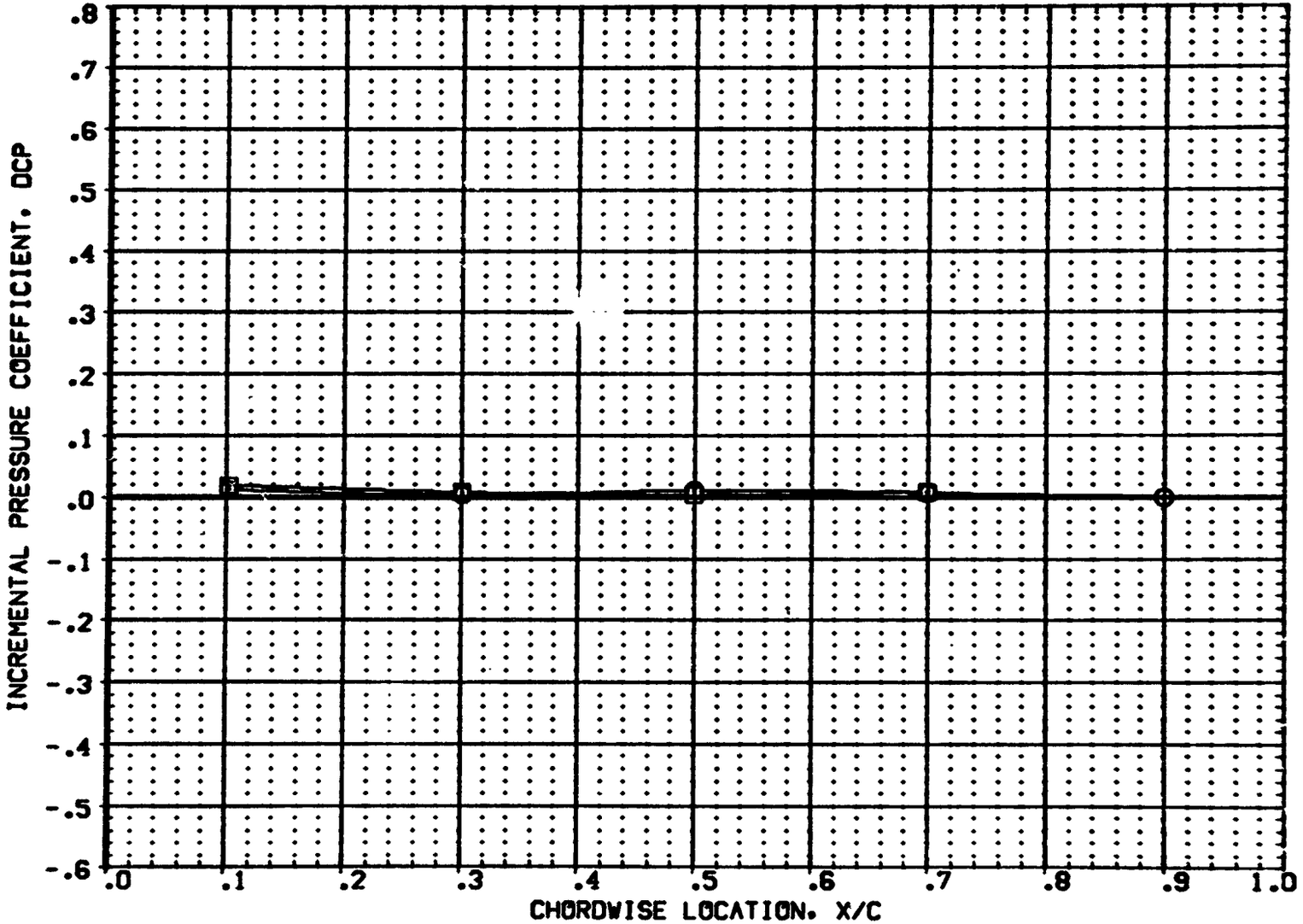

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = -1.930 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4L04]	○	IAGB [C1 F1 M1[1]] - [C1 F1] UPPER WING	.000
[AF4L04]	□	IAGB [C1 F1 M1[1]] - [C1 F1] LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = .000 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4LD4]	○	IASB [CI FI MI(1)] - [CI FI] UPPER WING	.000
[AF4LD4]	□	IASB [CI FI MI(1)] - [CI FI] LOWER WING	.000

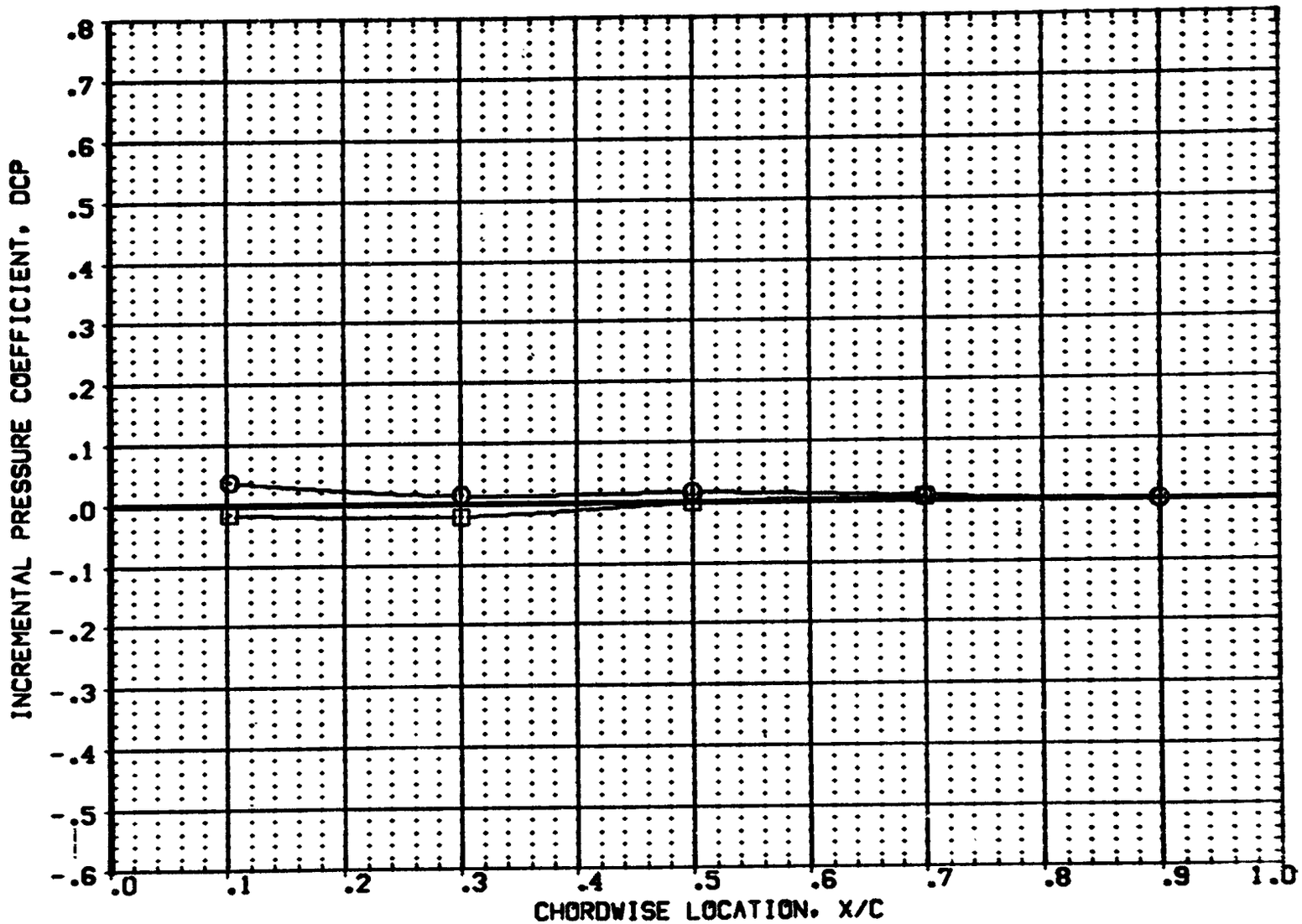

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = 1.930 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4LO4] ○	IASB [C1 F1 M1(1)] - [C1 F1] UPPER WING	.000
[AF4LO4] □	IASB [C1 F1 M1(1)] - [C1 F1] LOWER WING	.000

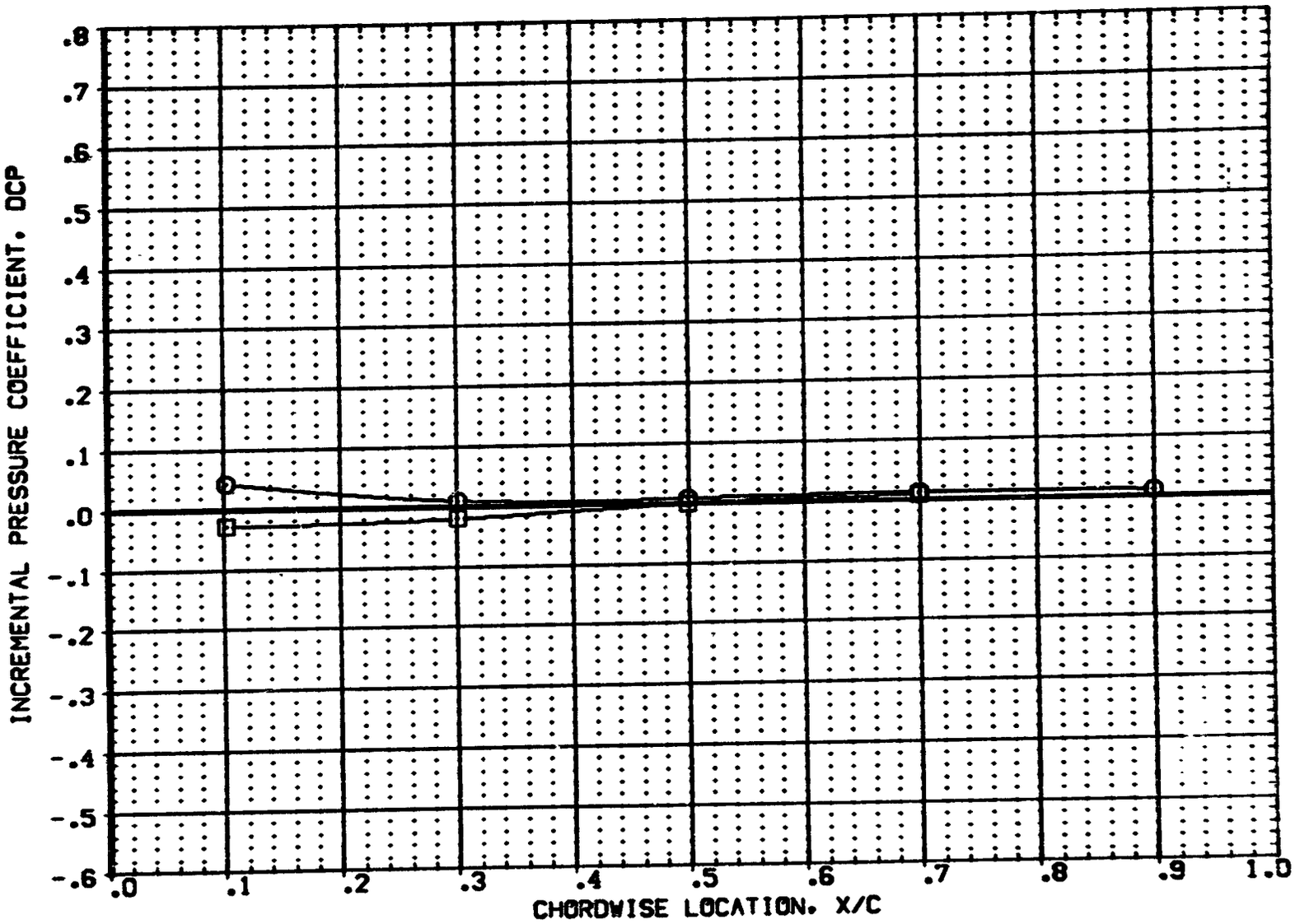

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = 3.900 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L04)	○	IASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L04)	□	IASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

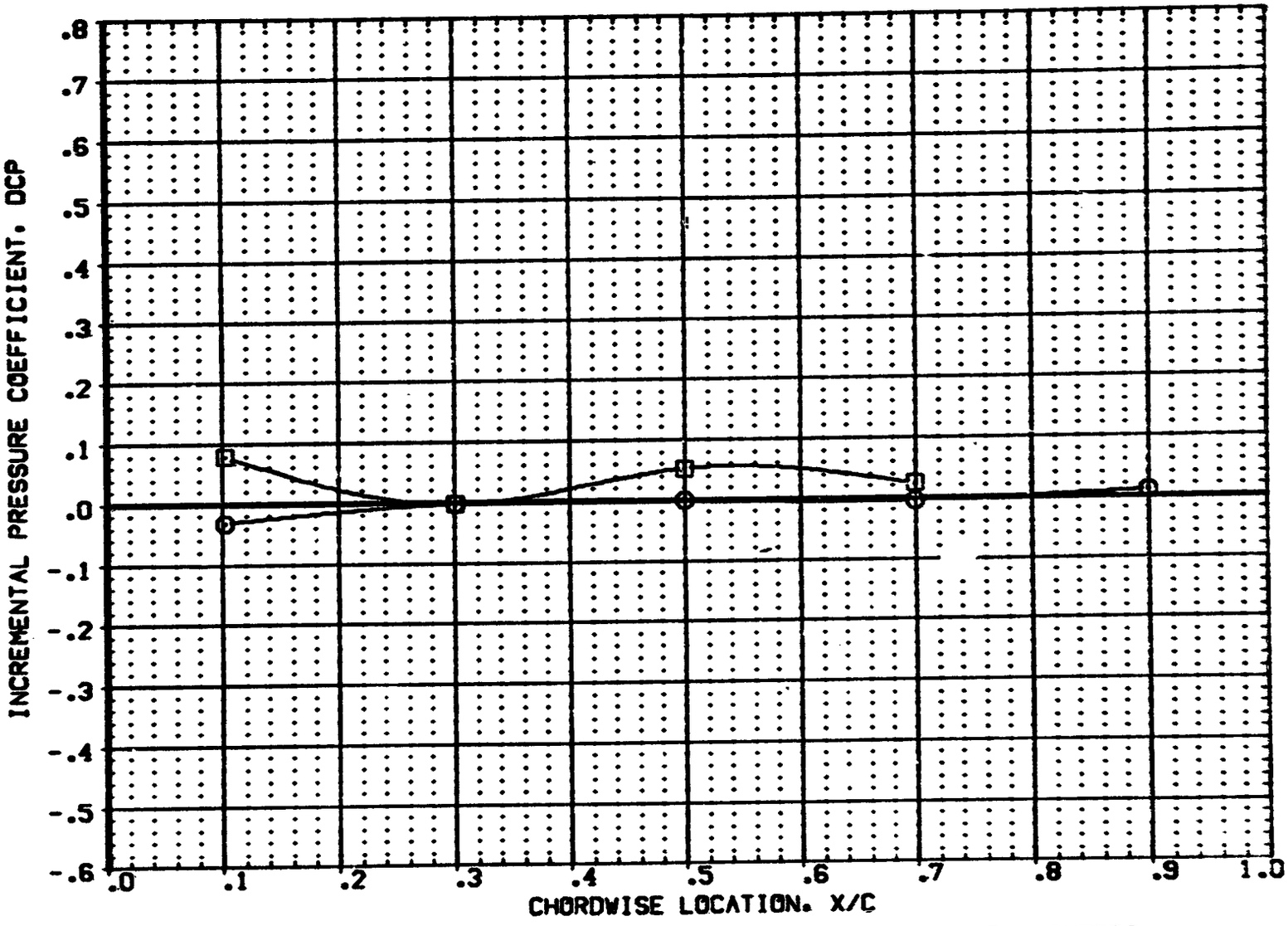

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -3.960 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4L04] ○	!ASB [CI FI MI[1]] - [CI FI] UPPER WING	.000
[AF4L04] □	!ASB [CI FI MI[1]] - [CI FI] LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -1.870 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4LO4) ○	IASS (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4LO4) □	IASS (CI FI MI(1)) - (CI FI) LOWER WING	.000

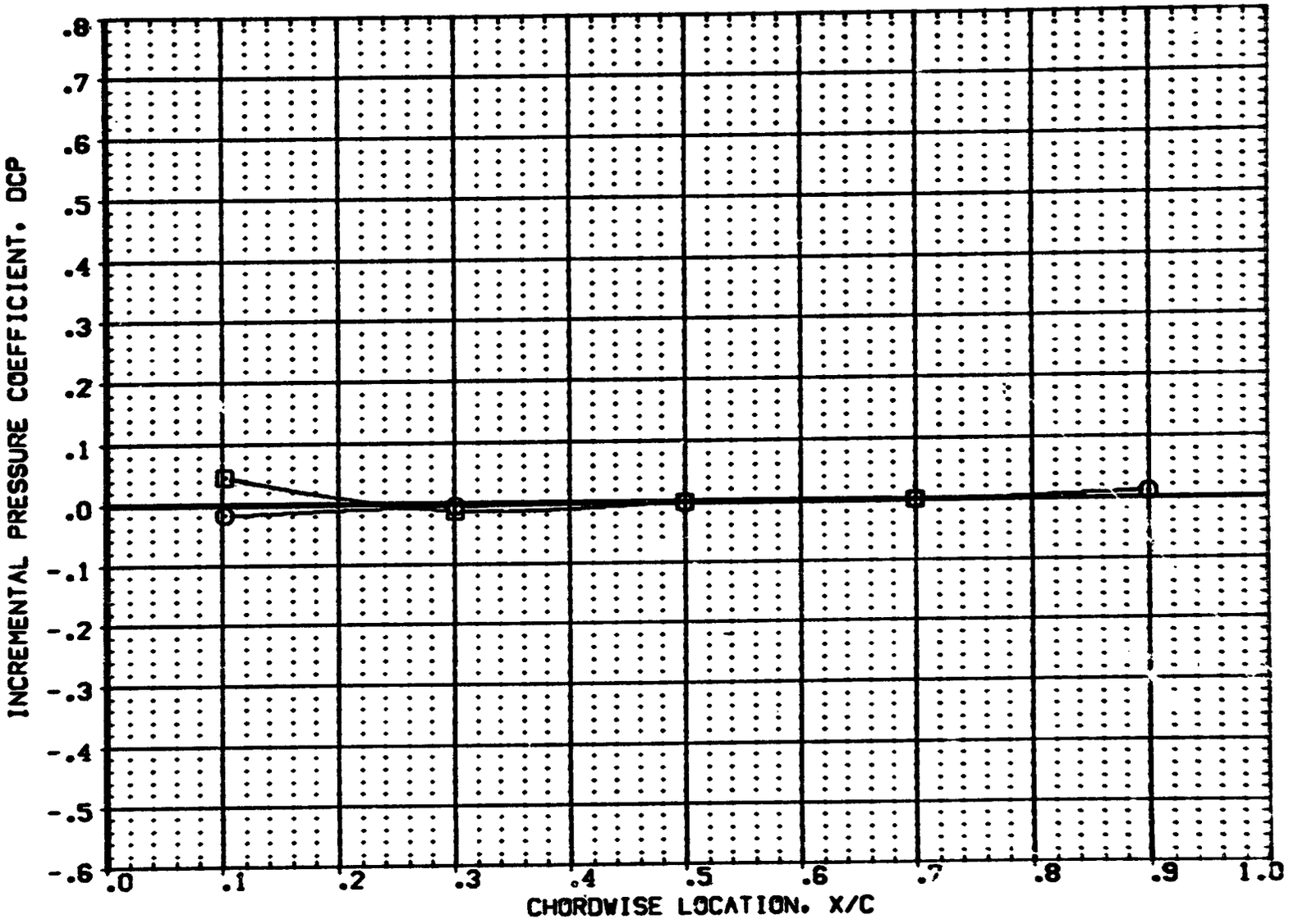

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = .070 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U04)		IAGB (Cl Fl Ml(1)) - (Cl Fl) UPPER WING	.000
(AF4L04)		IAGB (Cl Fl Ml(1)) - (Cl Fl) LOWER WING	.000

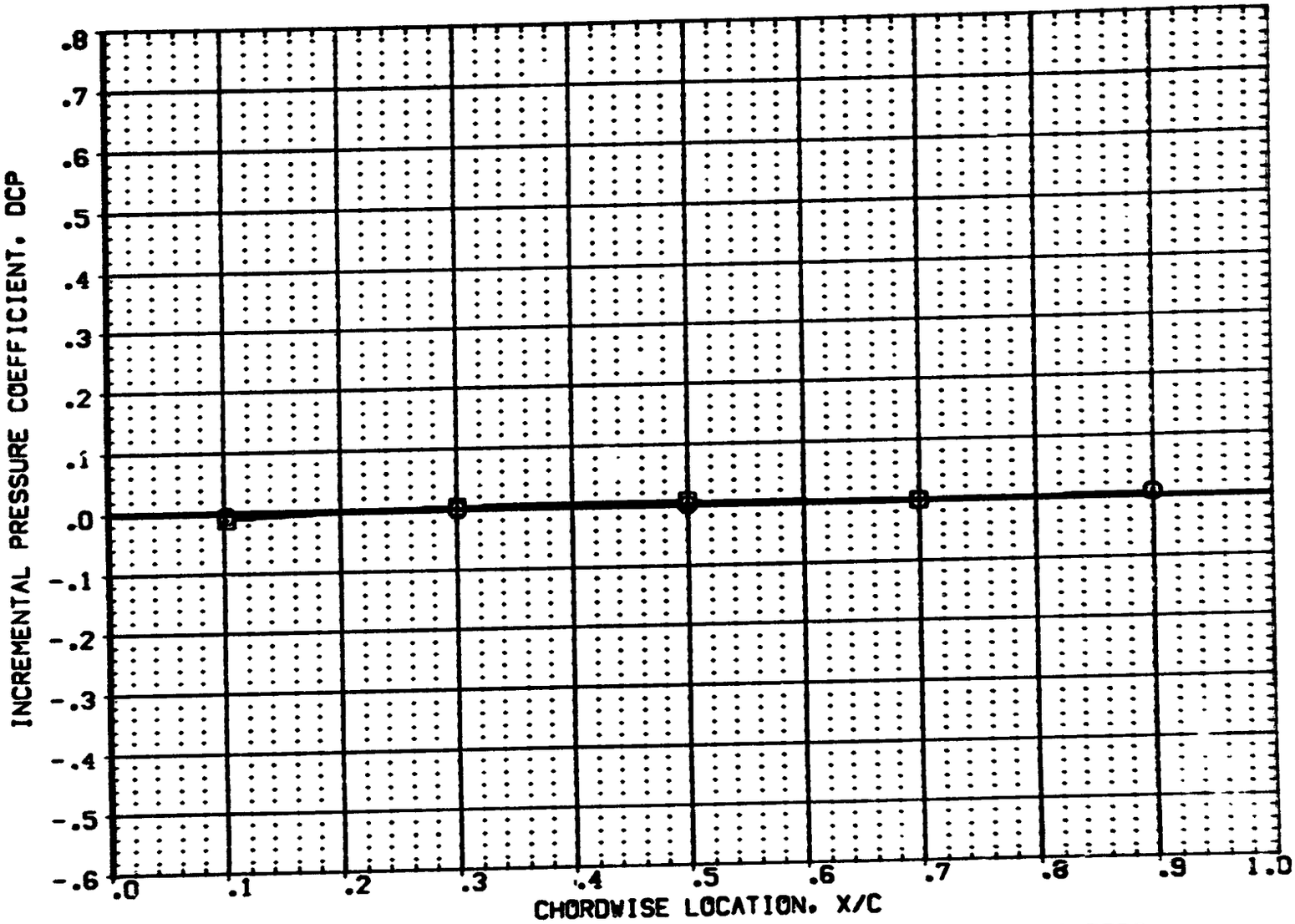

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 1.990 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L04) ○	IASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L04) □	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

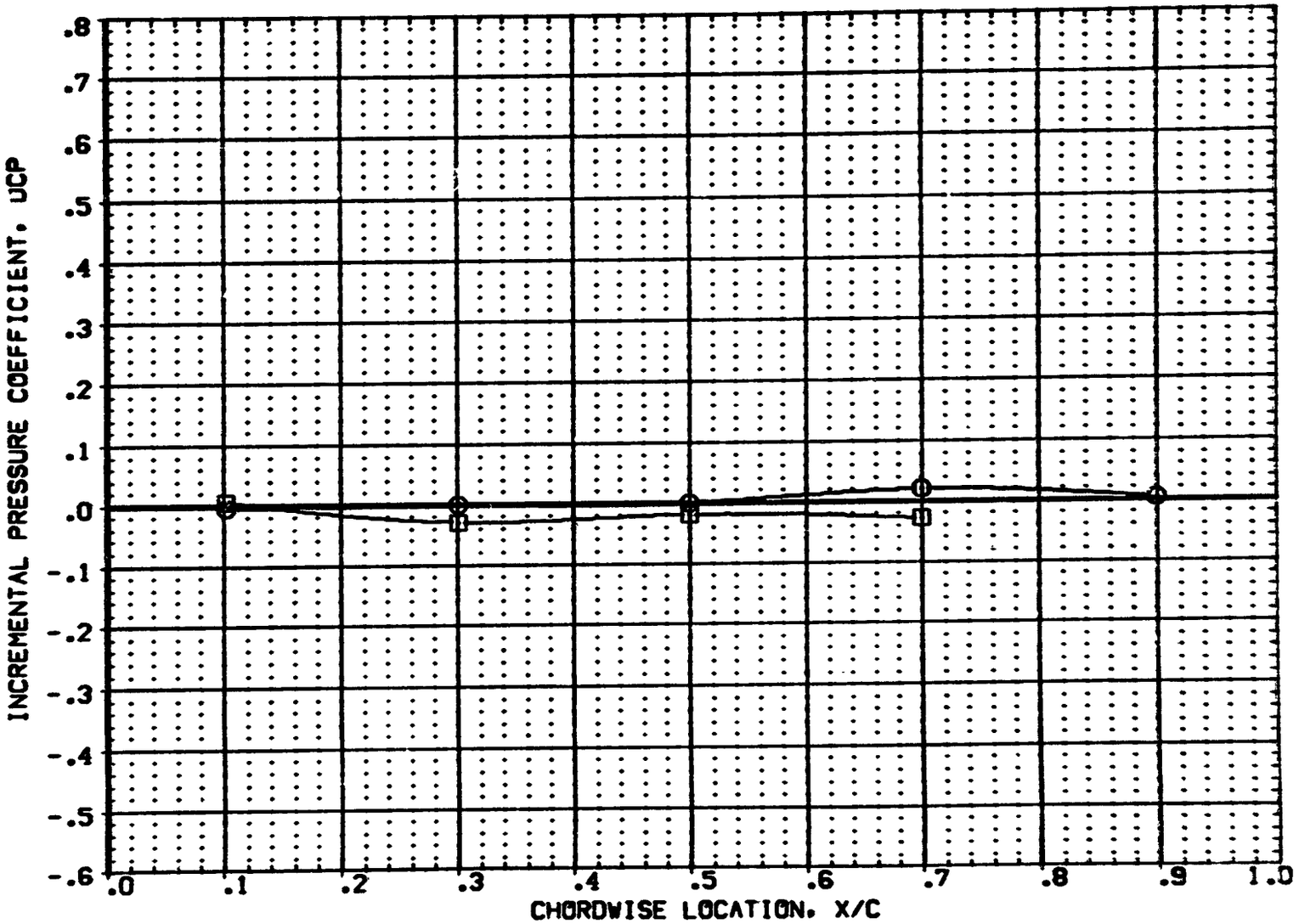

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 3.930 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L04)	○	IAGB (CI FI MI(I)) - (CI FI) UPPER WING	.000
(AF4L04)	□	IAGB (CI FI MI(I)) - (CI FI) LOWER WING	.000

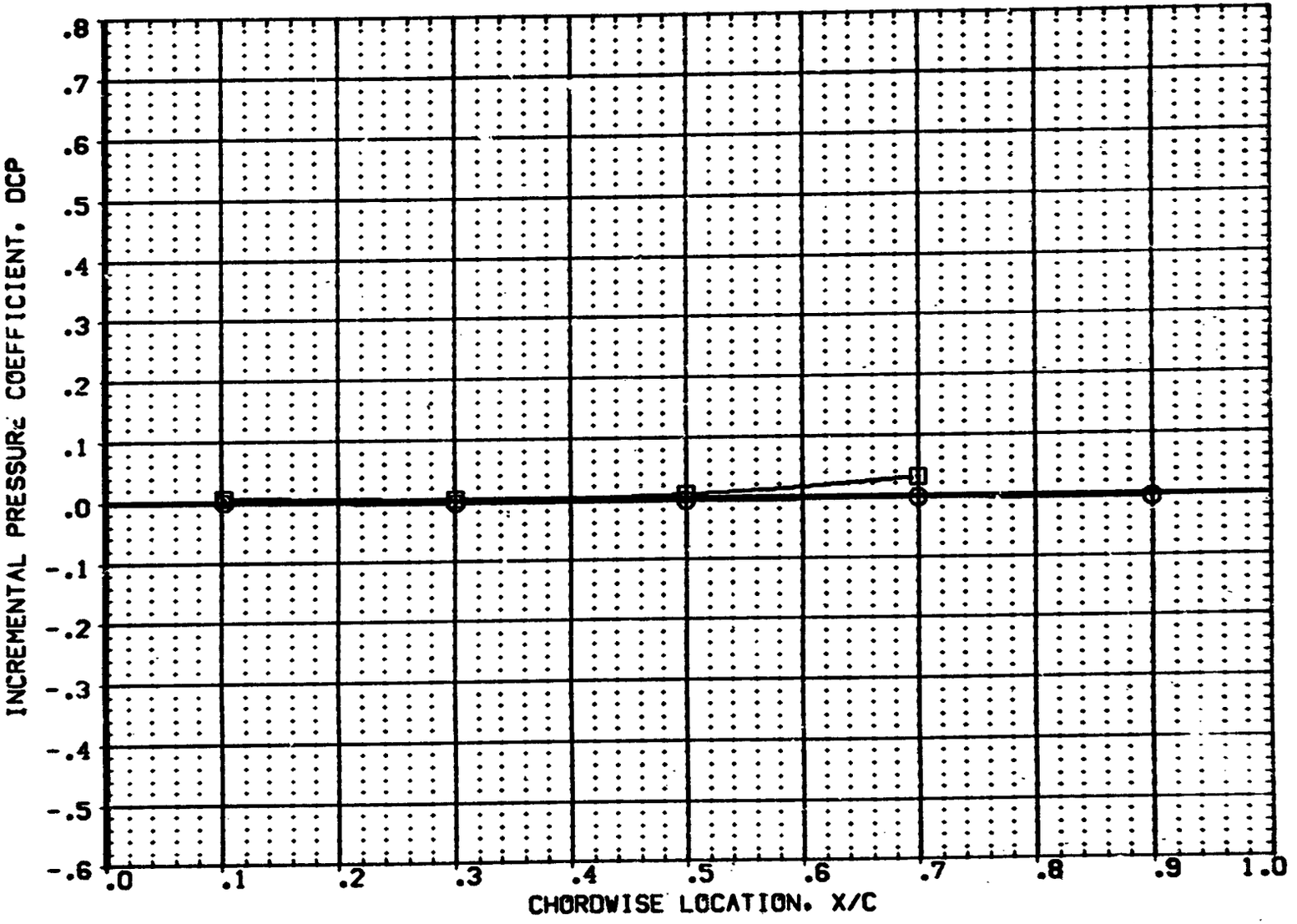

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -3.910 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L04)	○	IAGB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L04)	□	IAGB (CI FI MI(1)) - (CI FI) LOWER WING	.000

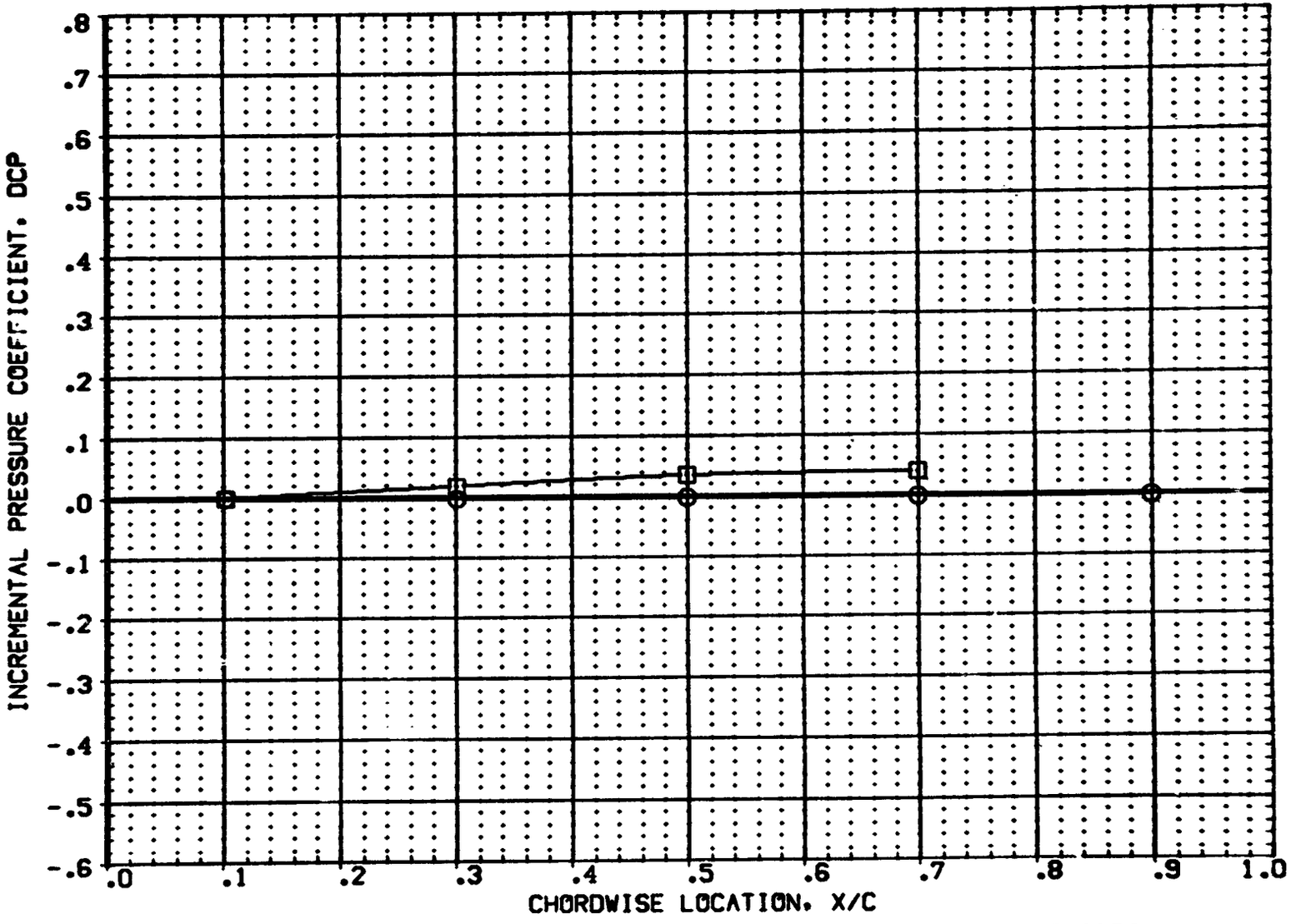

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -2.000 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4UO4]	○	IA6B [C1 F1 M1[1]] - [C1 F1] UPPER WING	.000
[AF4LO4]	□	IA6B [C1 F1 M1[1]] - [C1 F1] LOWER WING	.000

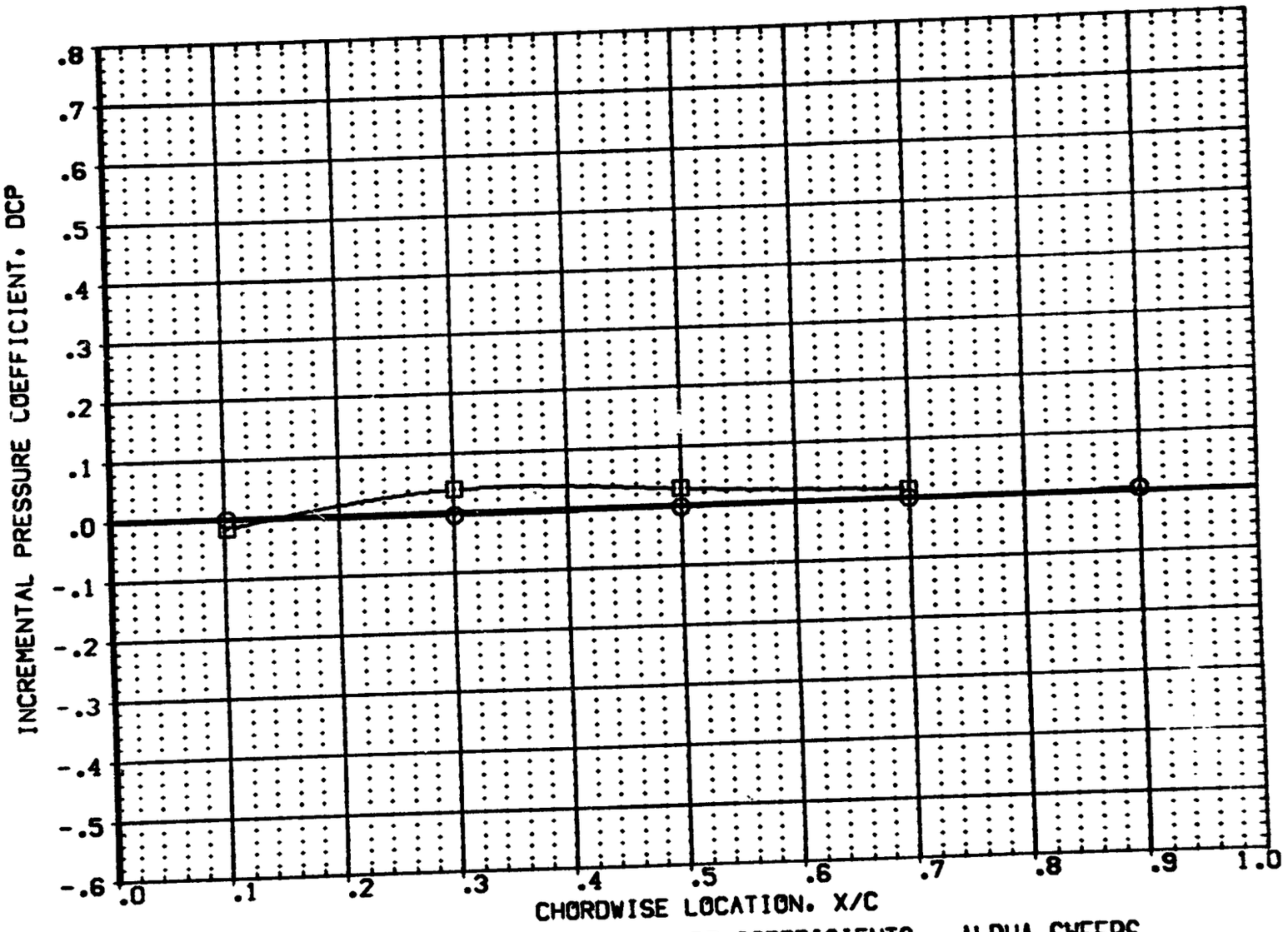

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -.020 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4LU04)	IASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4LL04)	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 1.910 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4LO4]	○	IAGB [C1 F1 M1(1)] - [C1 F1] UPPER WING	.000
[AF4LO5]	□	IAGB [C1 F1 M1(1)] - [C1 F1] LOWER WING	.000

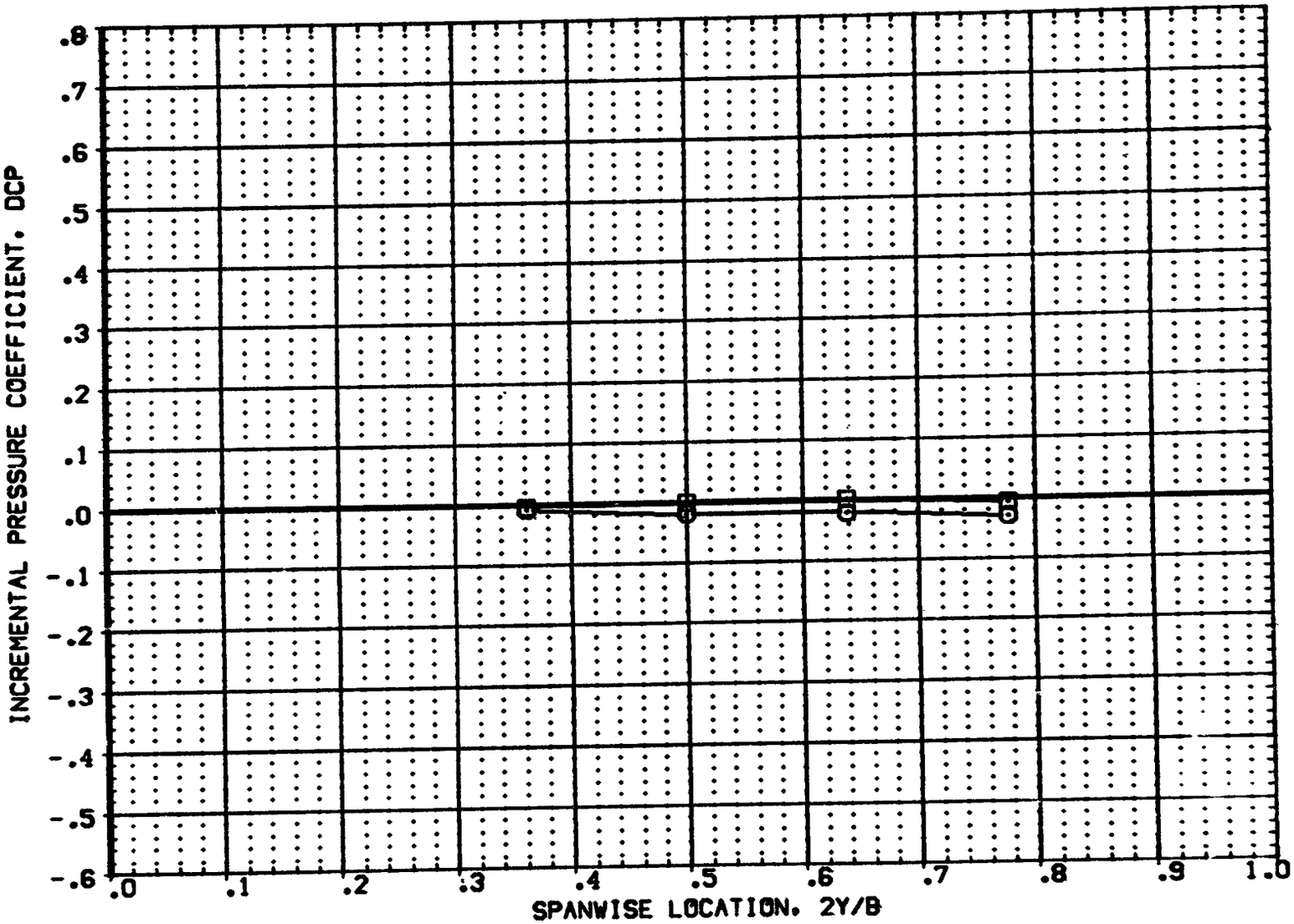

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -3.870 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L04)	IAGB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L04)	IAGB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

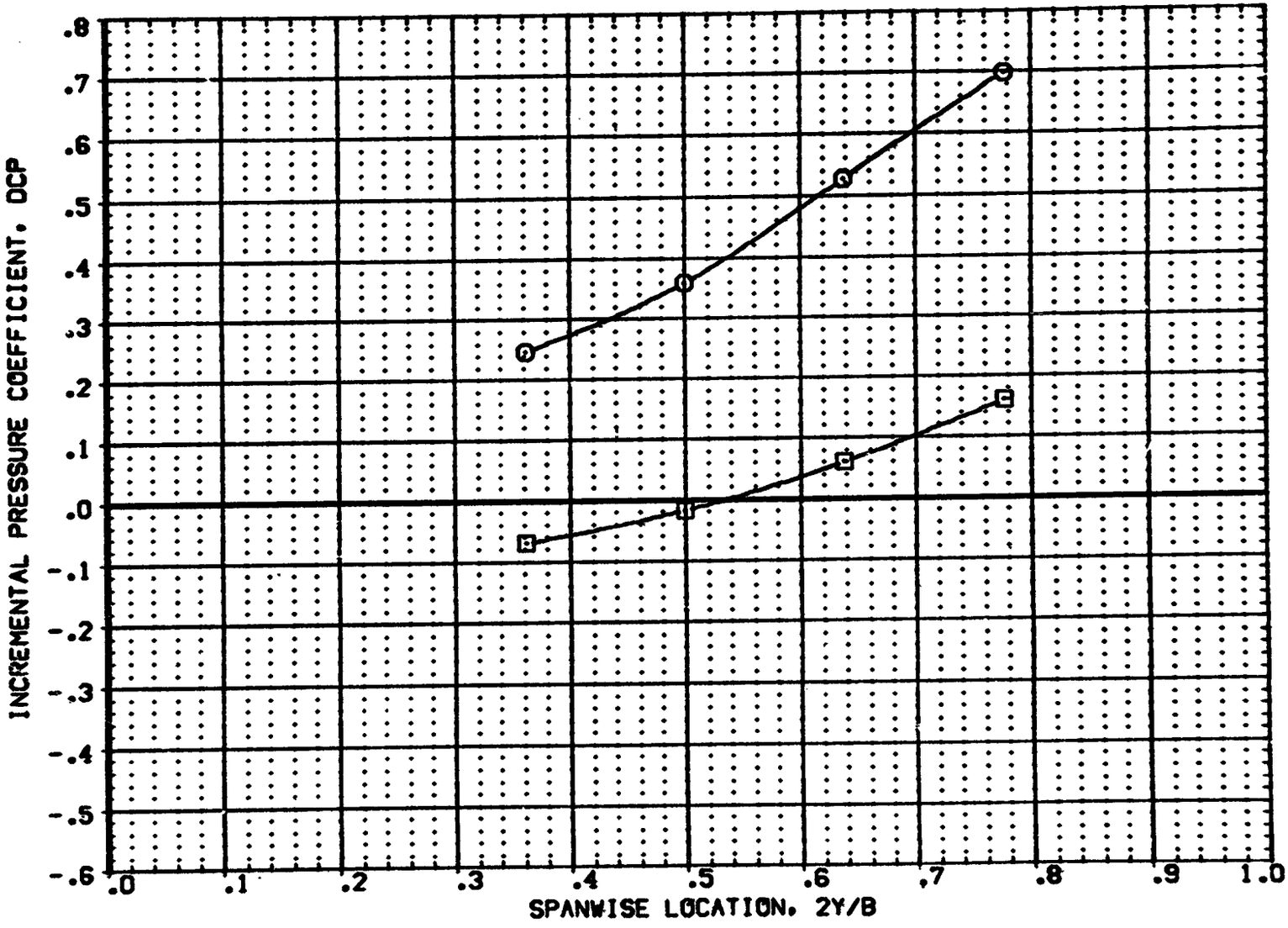

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -2.000 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L04)	○	IASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L04)	□	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

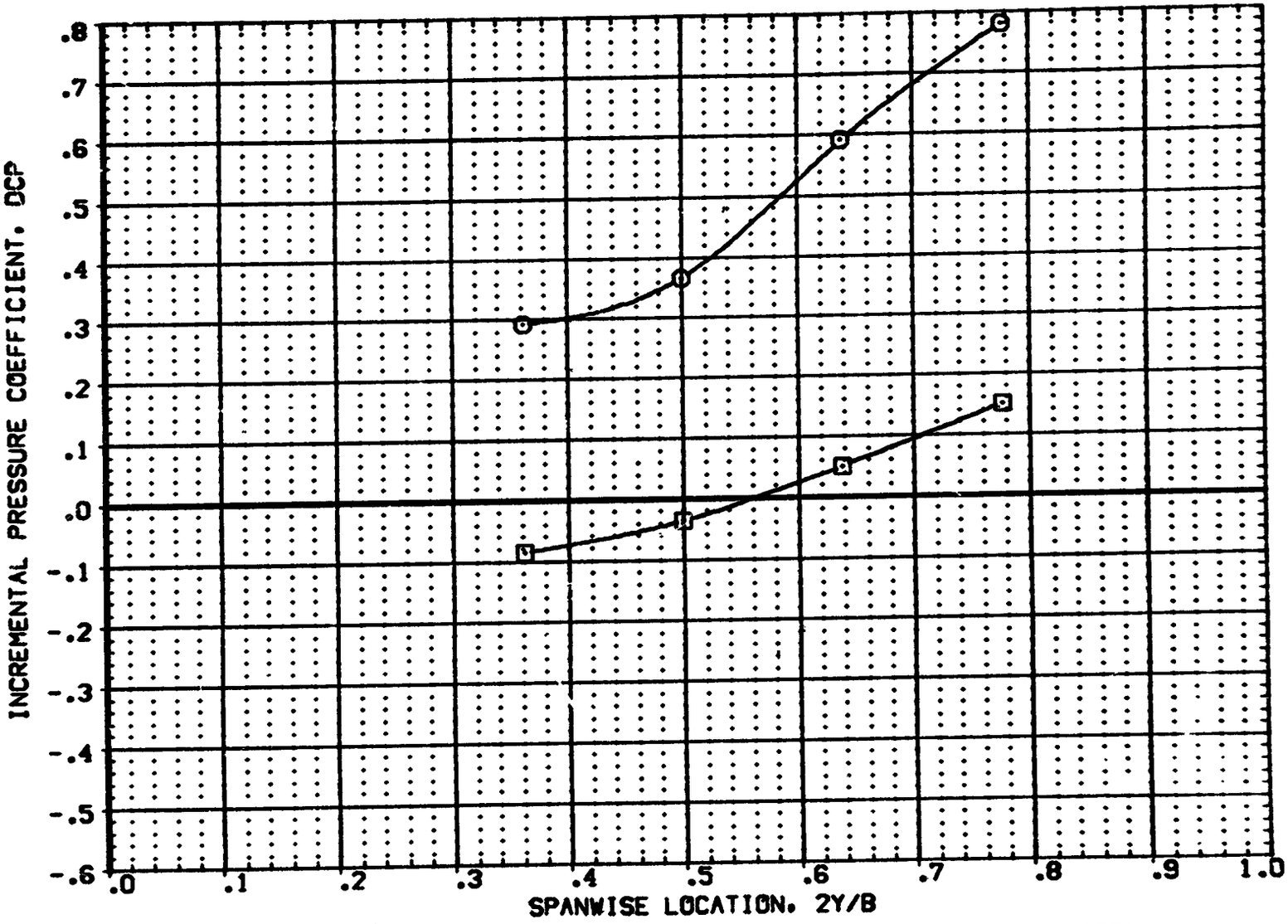

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = .000 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L04) ○	IASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L04) □	IASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

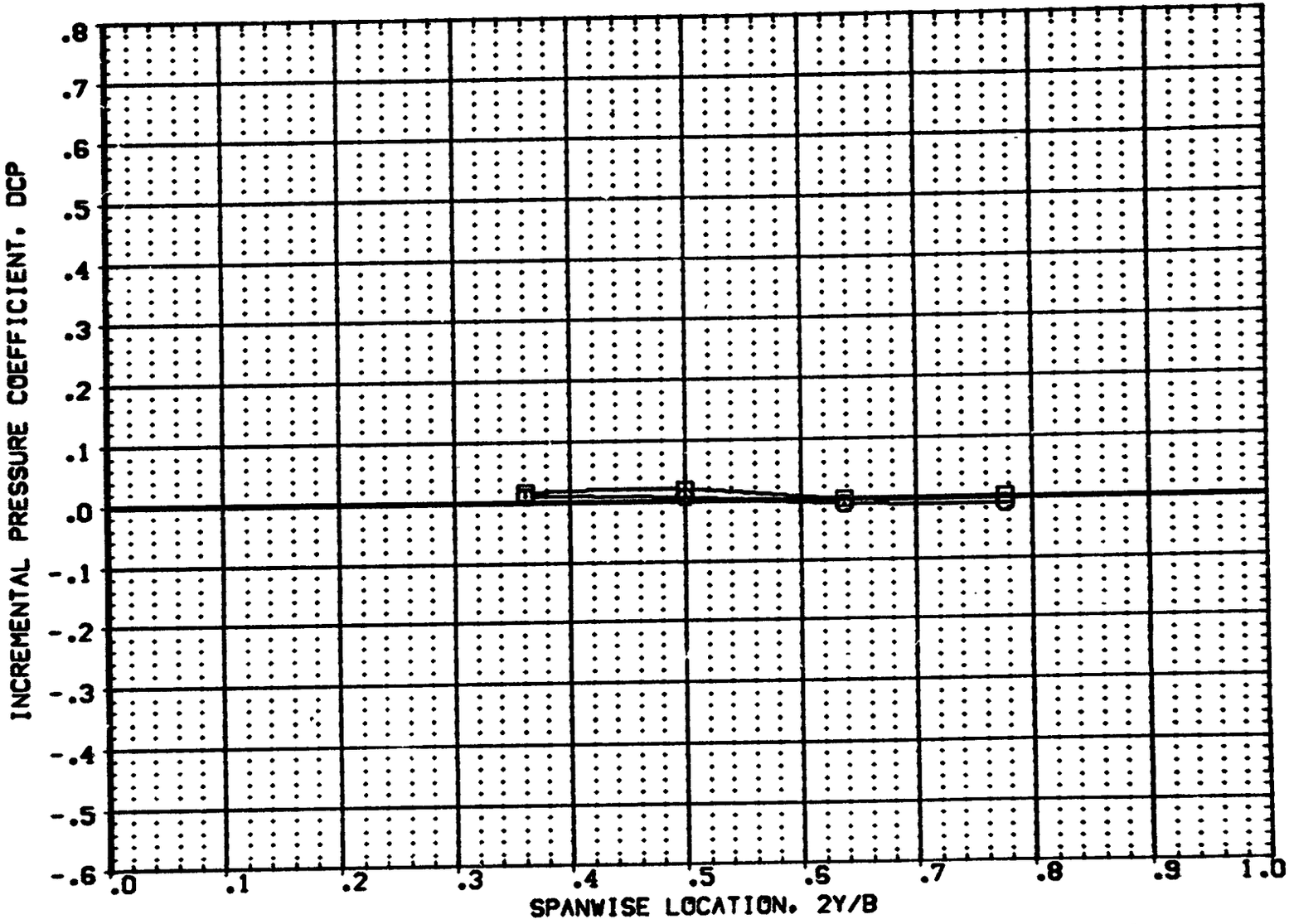

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = -3.910 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4L04]	○	IASB [C1 F1 M1[1]] - [C1 F1] UPPER WING	.000
[AF4L04]	□	IASB [C1 F1 M1[1]] - [C1 F1] LOWER WING	.000

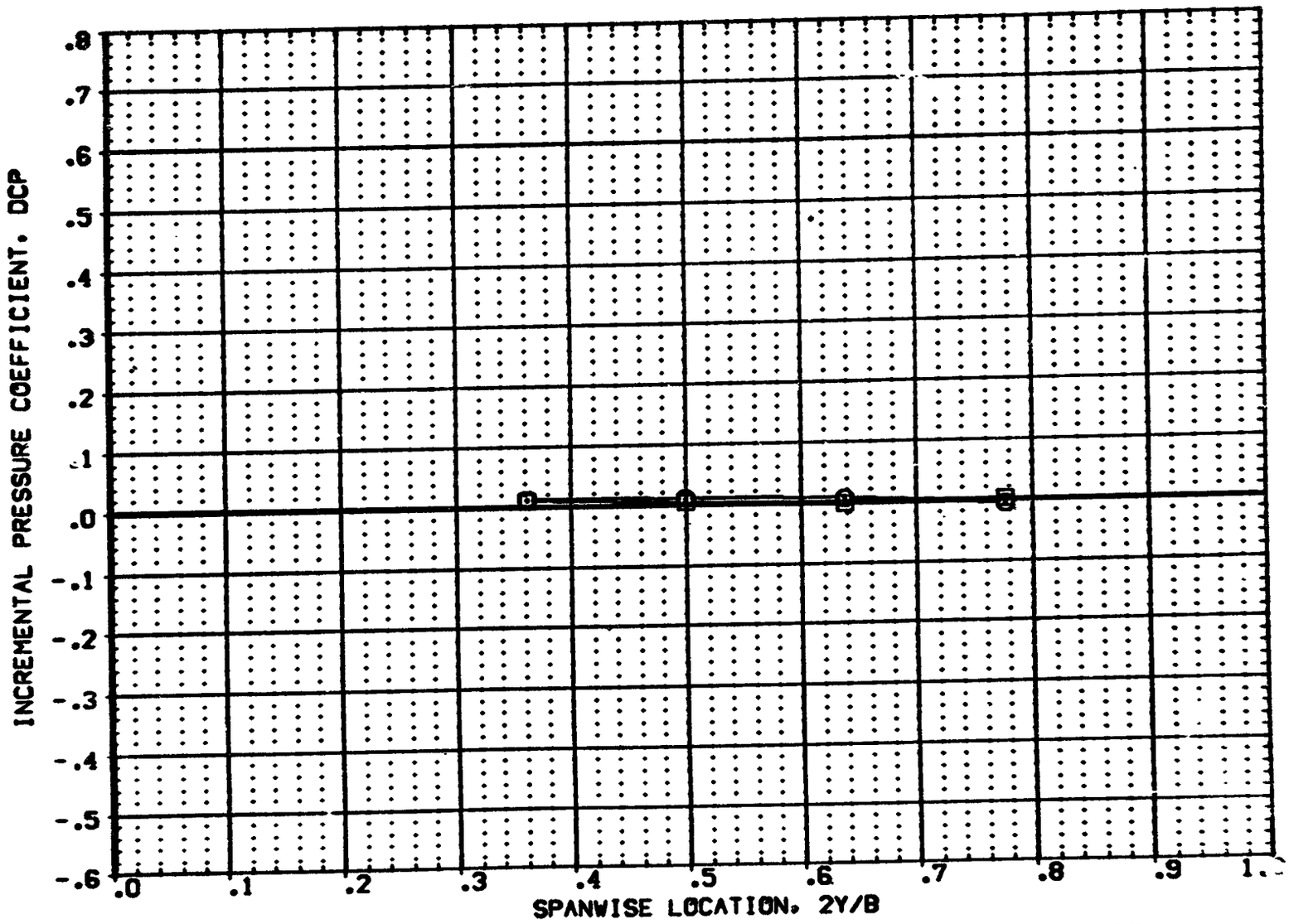

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = -1.930 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L04)	(ASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L04)	(ASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

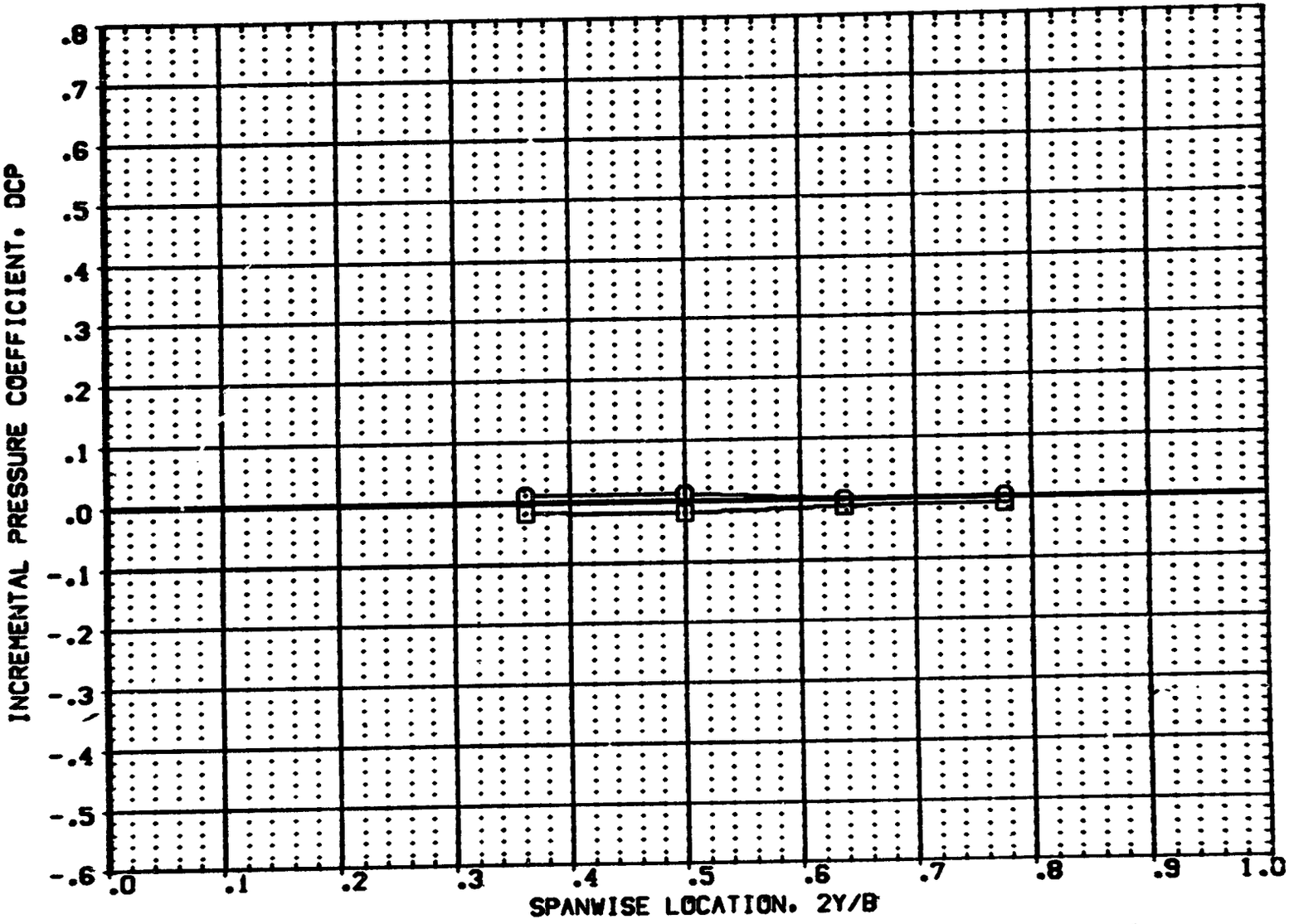

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = .000 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4LO4)	○	1AGB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4LO4)	□	1AGB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

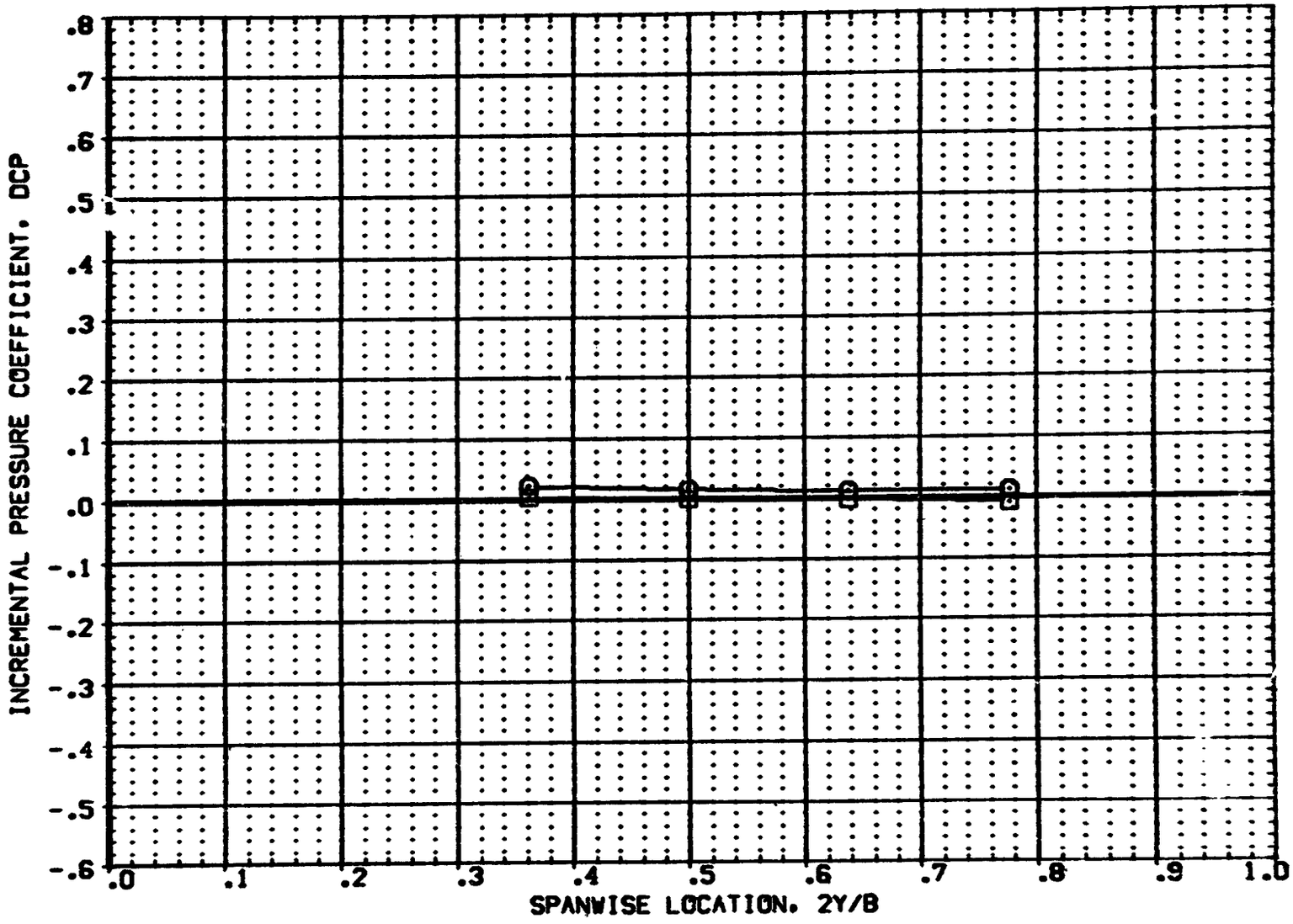

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = 1.830 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U04)	○	IASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L04)	⊡	IASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

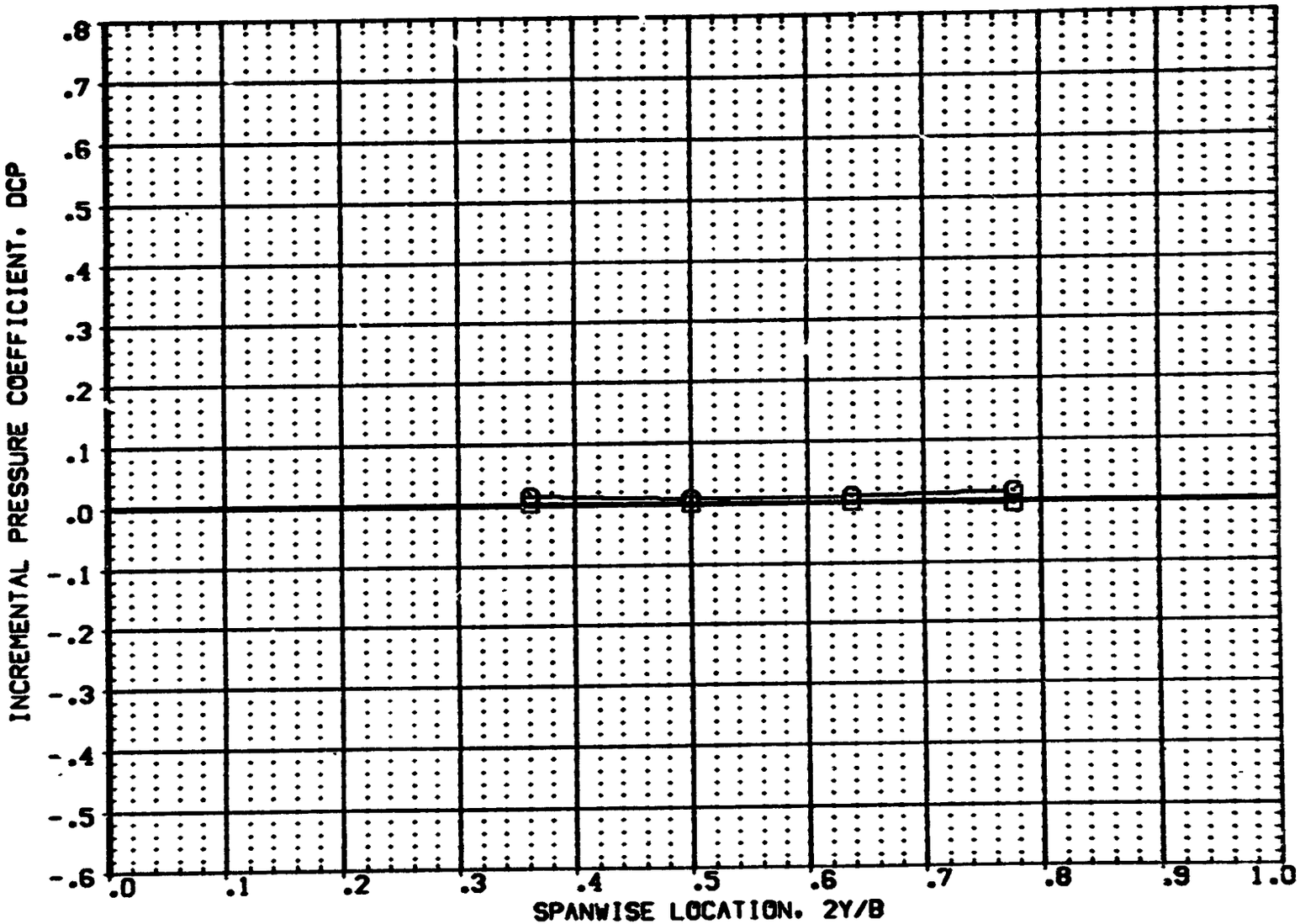

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.211 ALPHA = 3.900 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4LO4)	!ASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4LO4)	!ASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

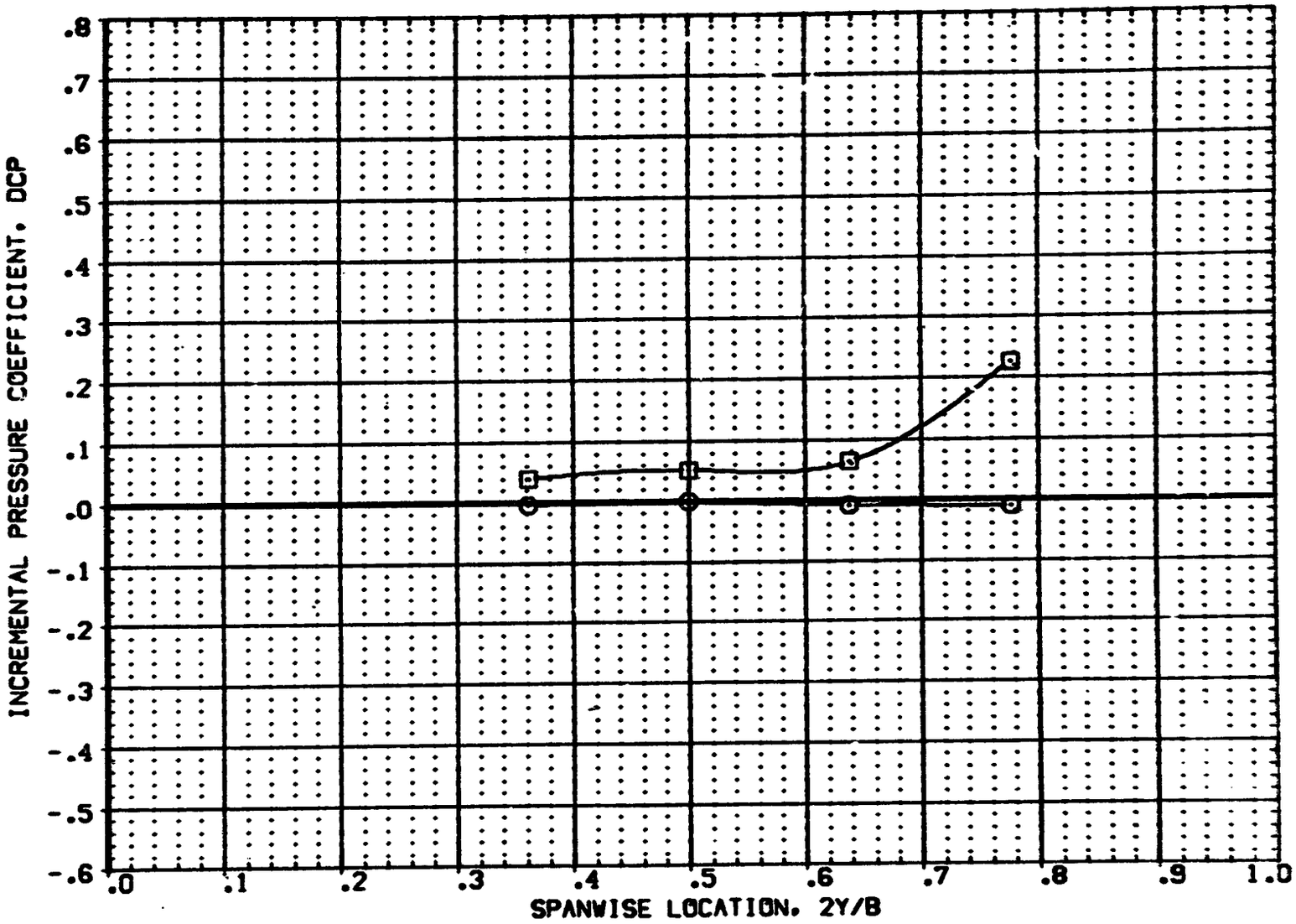

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -3.960 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L04)	8	IAGB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L04)	□	IAGB (CI FI MI(1)) - (CI FI) LOWER WING	.000

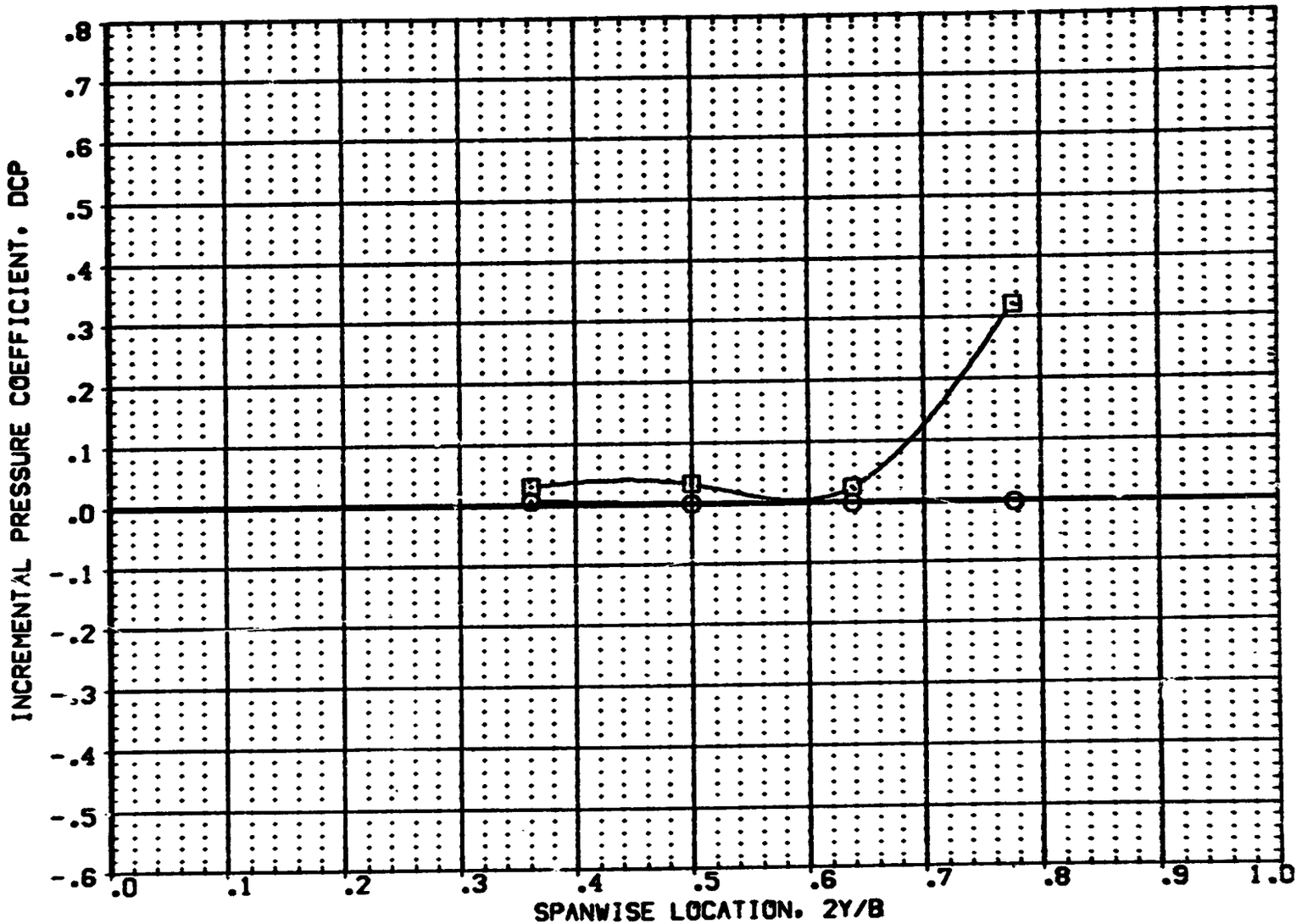

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -1.870 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4LD4]	○	IASB [C1 F1 M1[1]] - [C1 F1] UPPER WING	.000
[AF4LD4]	□	IASB [C1 F1 M1[1]] - [C1 F1] LOWER WING	.000

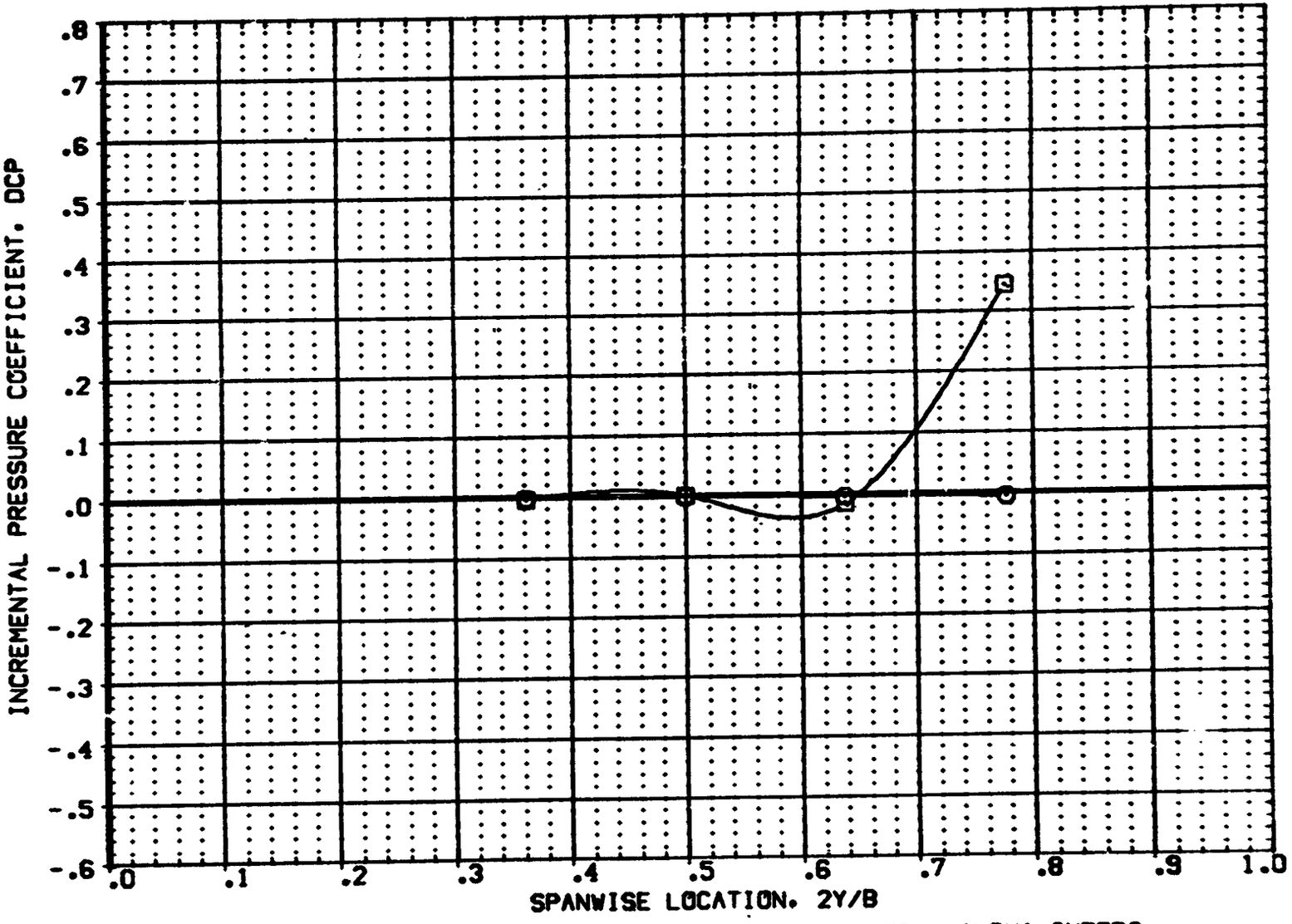

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = .070 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L04)	○	IAGB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L04)	□	IAGB (CI FI MI(1)) - (CI FI) LOWER WING	.000

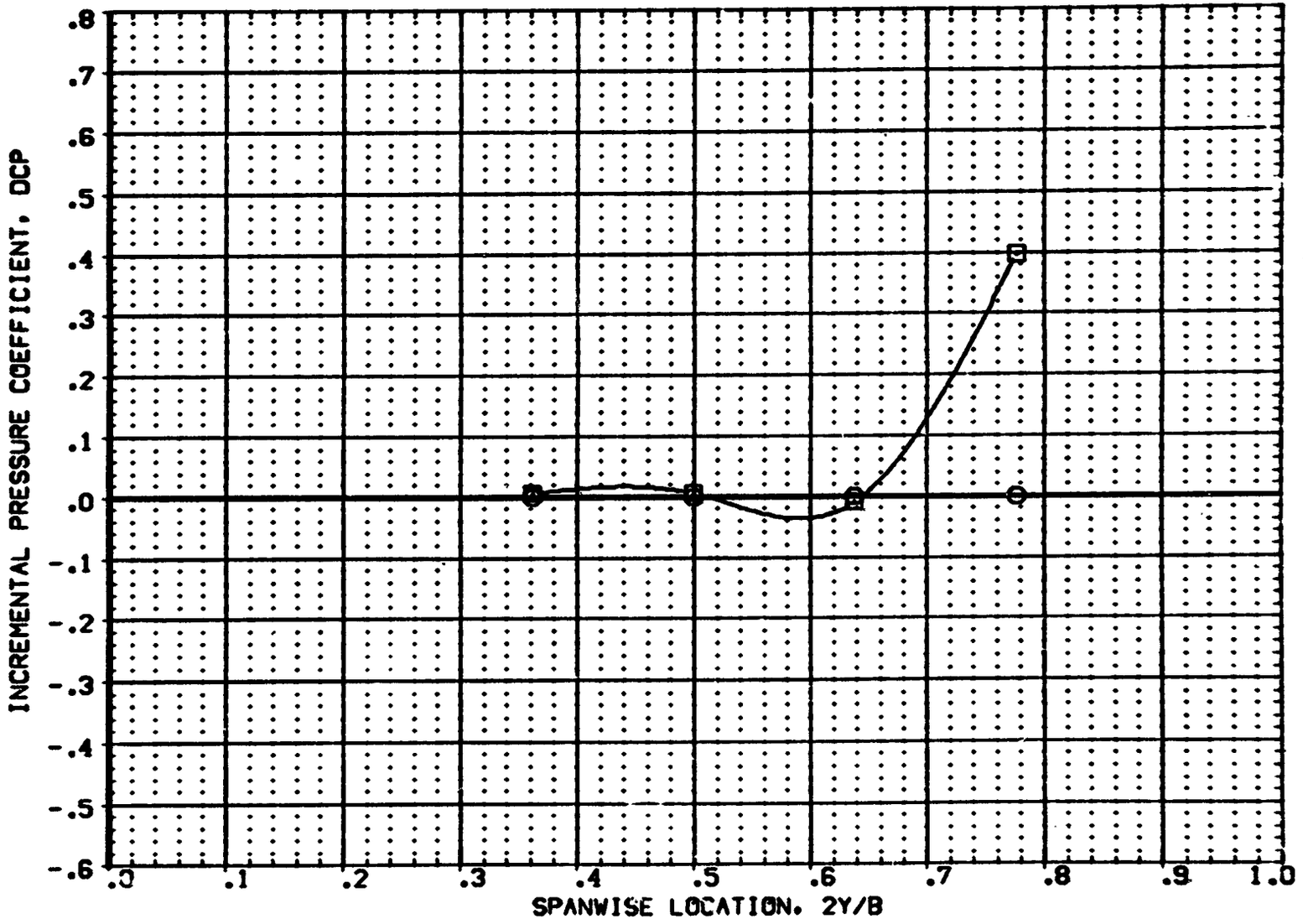

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 1.990 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L04)	IASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L04)	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

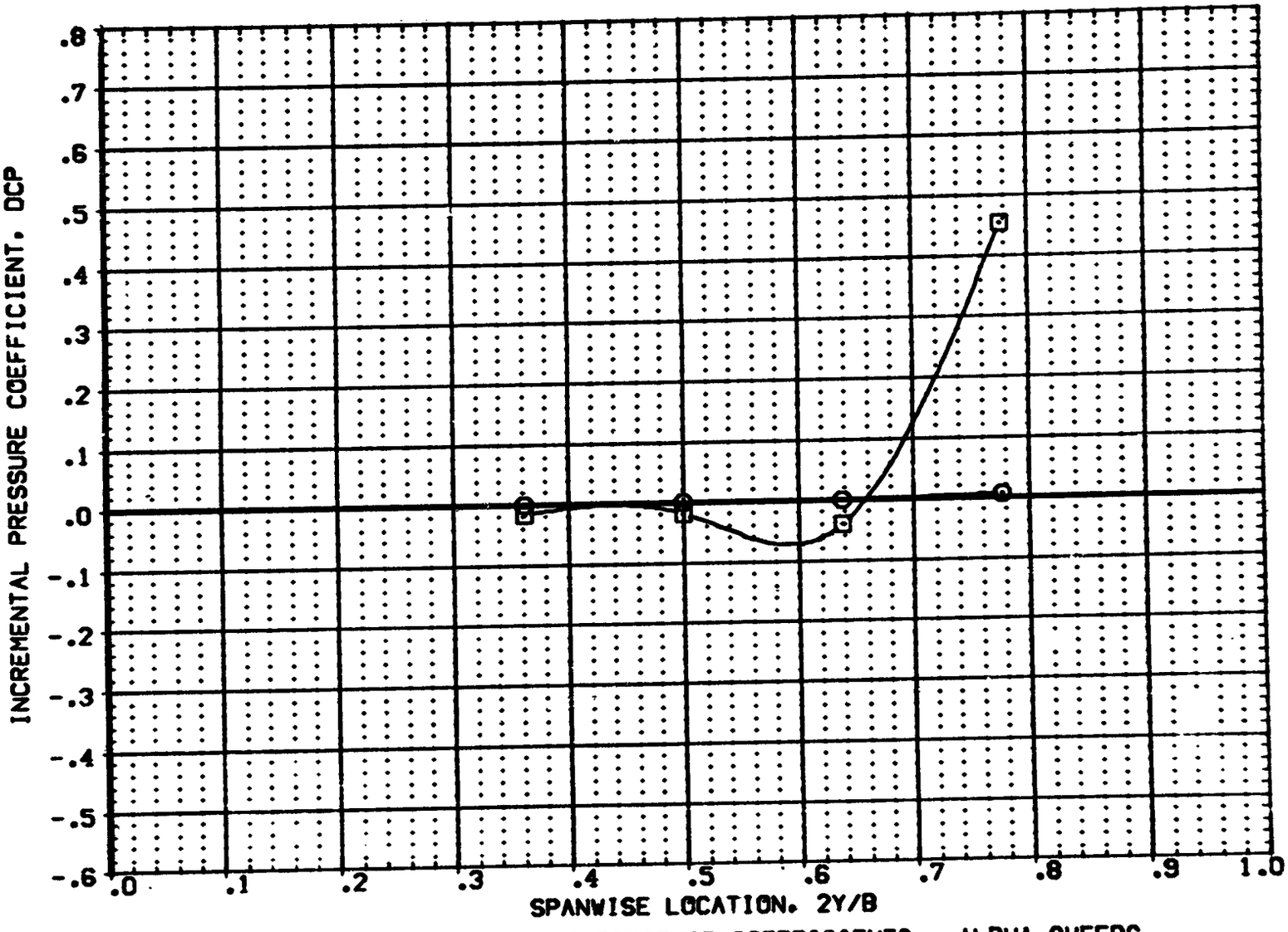

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 3.930 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4LO4)	(AGB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4LO4)	(AGB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

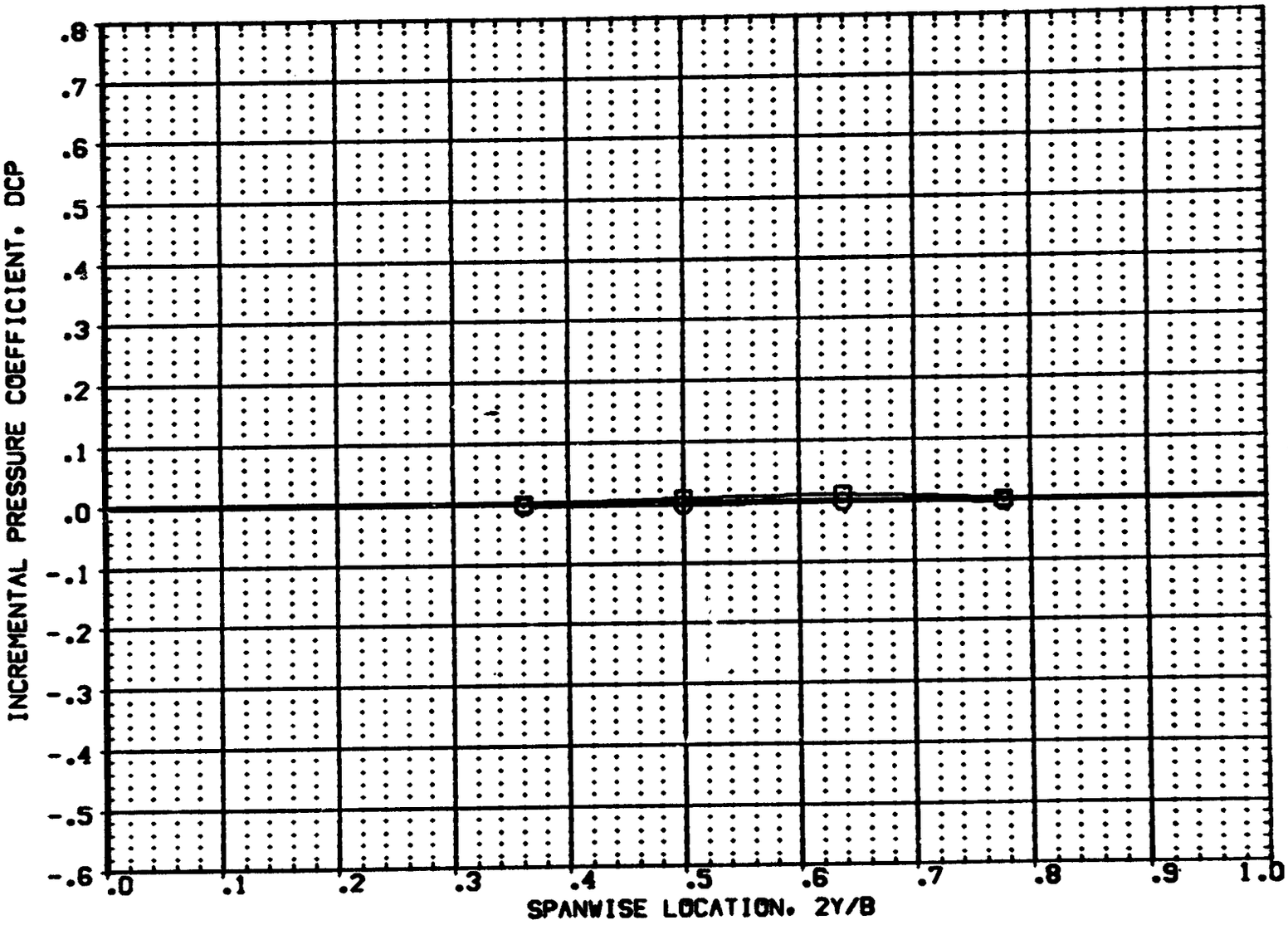

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -3.910 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4LO4)	⊡	IABB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4LO4)	⊟	IABB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

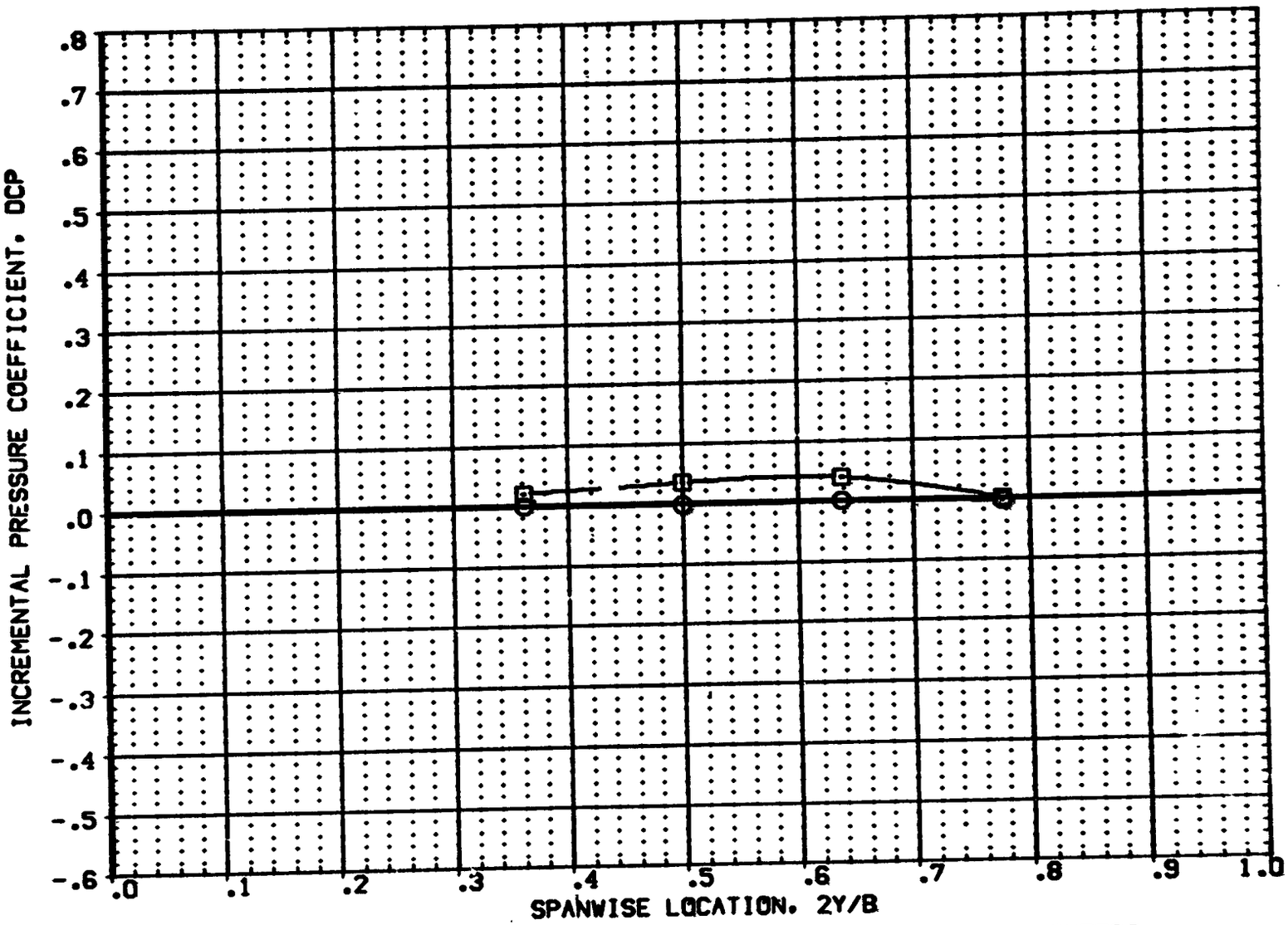

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -2.000 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L04) ○	IAGB [CI FI MI(1)] - [CI FI] UPPER WING	.000
(AF4L04) □	IAGB [CI FI MI(1)] - [CI FI] LOWER WING	.000

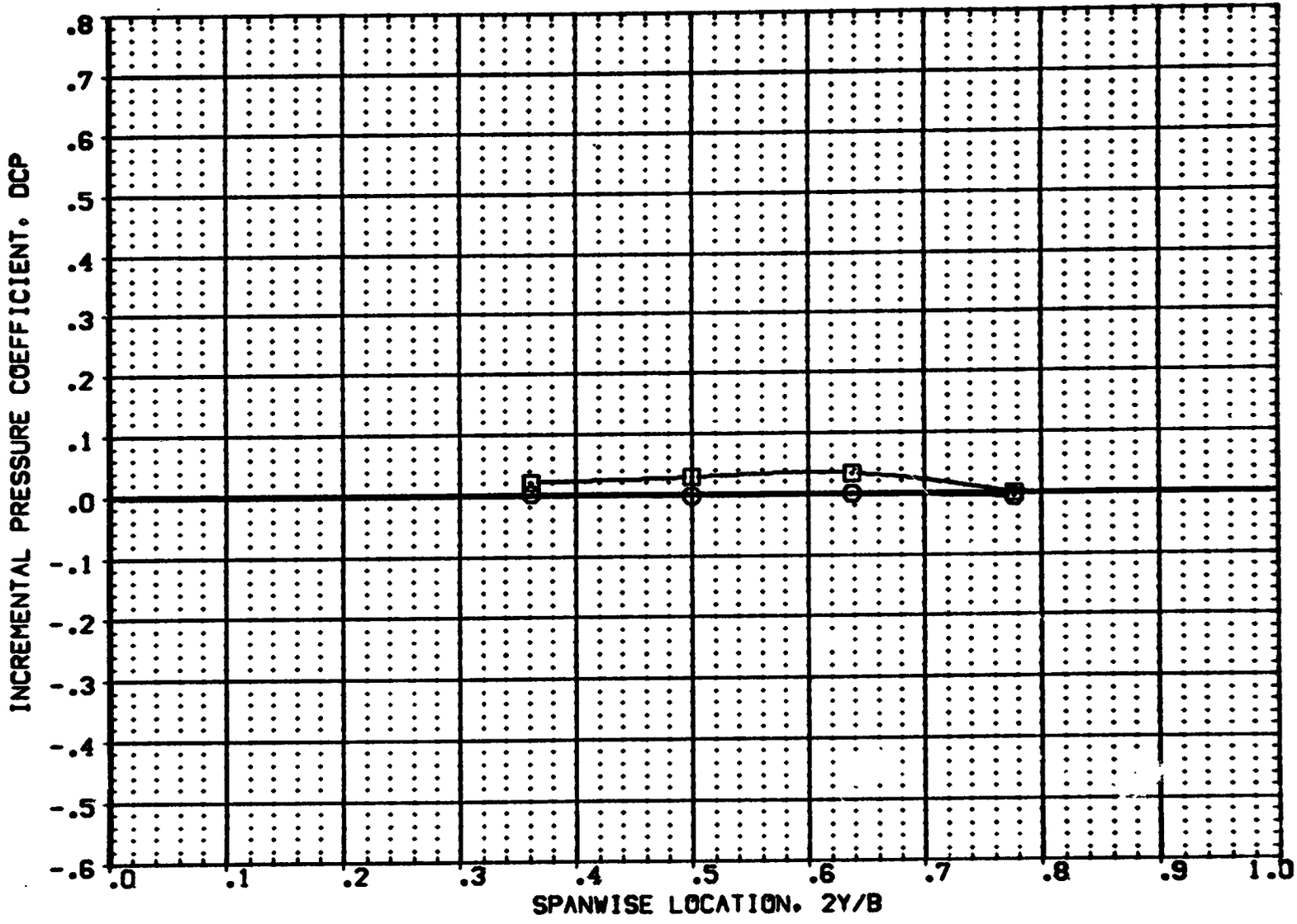

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -.020 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4L04]	○	[ASB [CI FI MI[1]] - [CI FI] UPPER WING	.000
[AF4L04]	□	[ASB [CI FI MI[1]] - [CI FI] LOWER WING	.000

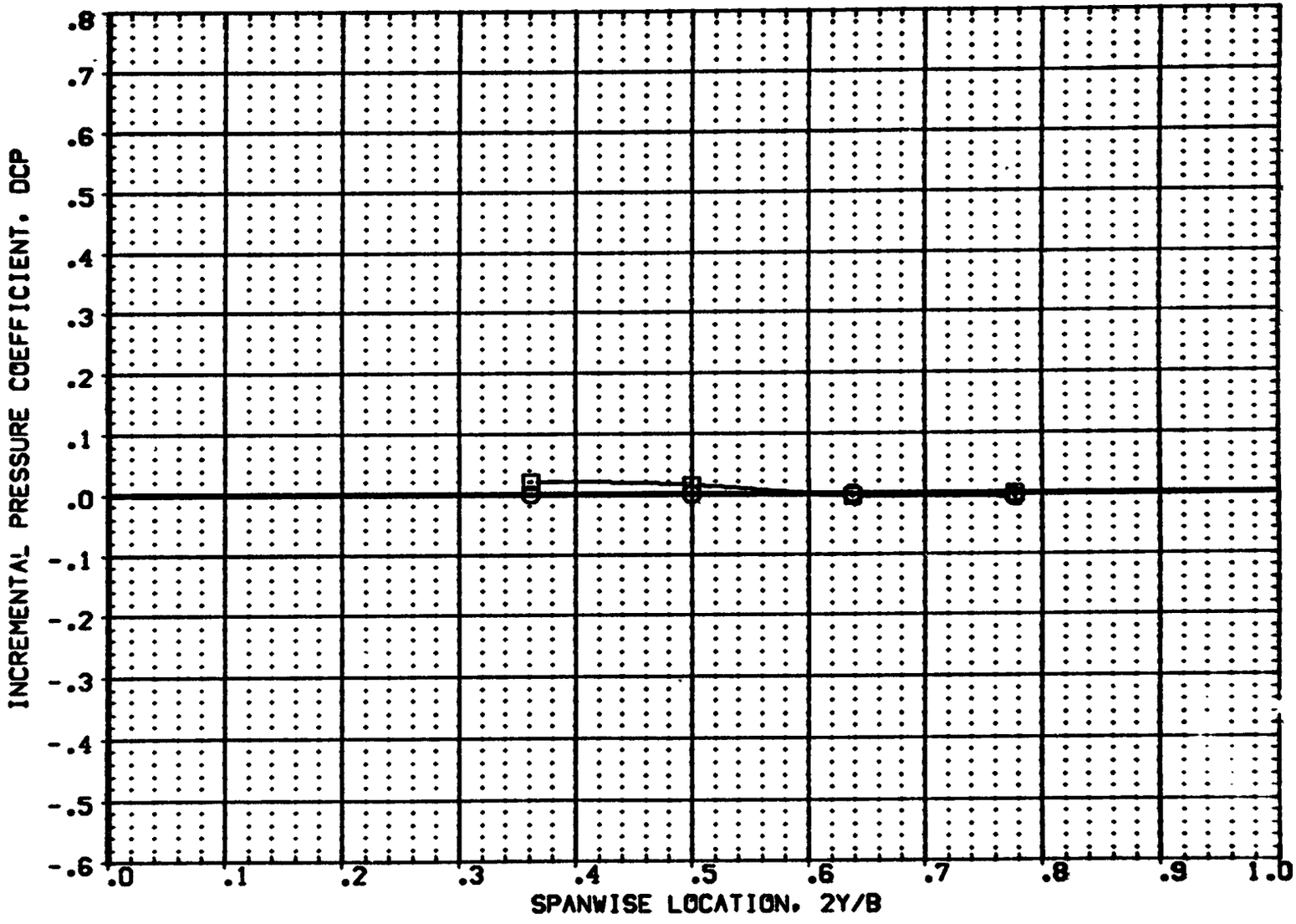

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 1.910 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L06)	○	IASB (CI FI M2(1)) - (CI FI) UPPER WING	.000
(AF4L06)	□	IASB (CI FI M2(1)) - (CI FI) LOWER WING	.000

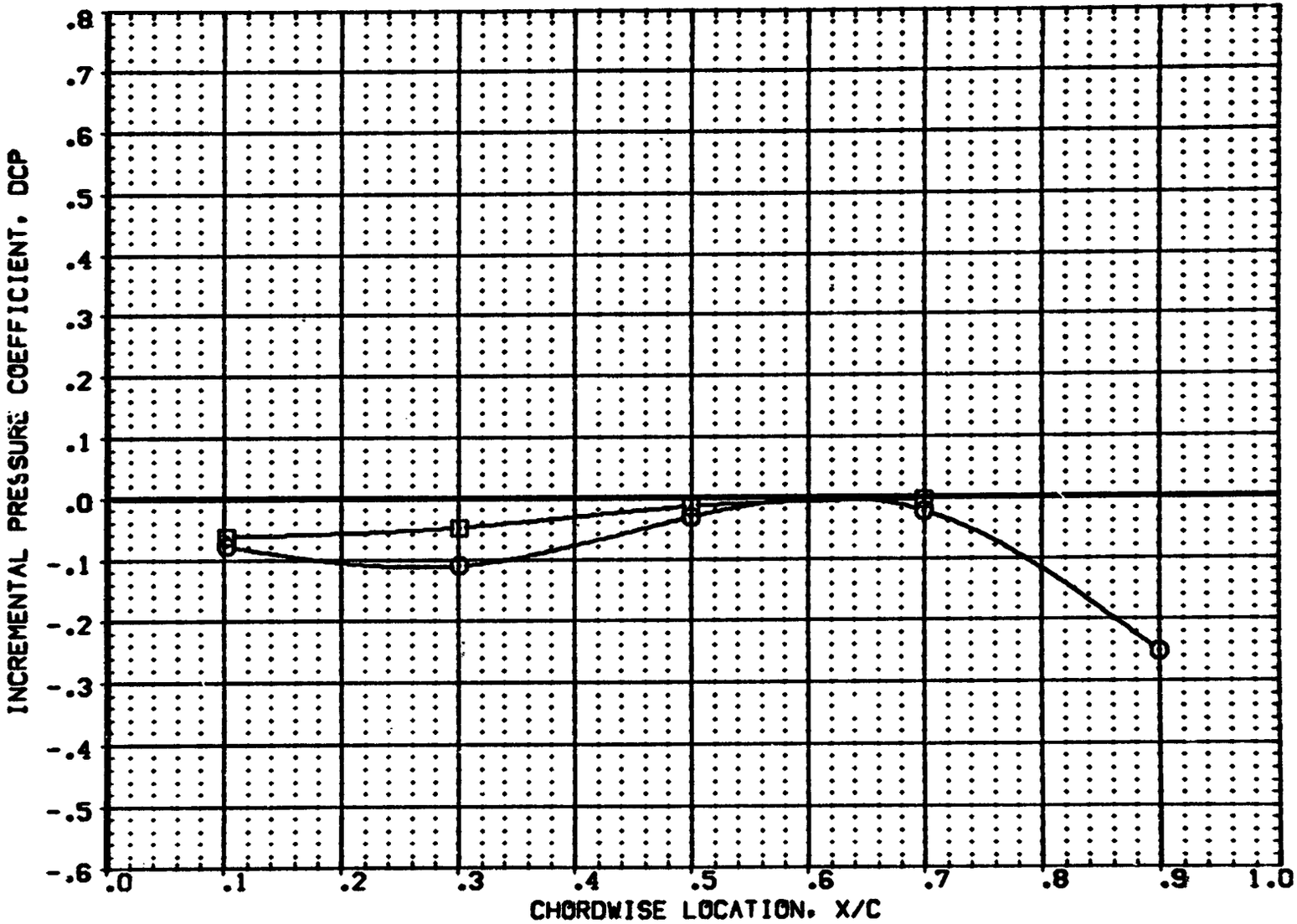

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = .000 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4UO6)	IASB (C1 F1 M2(1)) - (C1 F1) UPPER WING	.000
(AF4LO6)	IASB (C1 F1 M2(1)) - (C1 F1) LOWER WING	.000

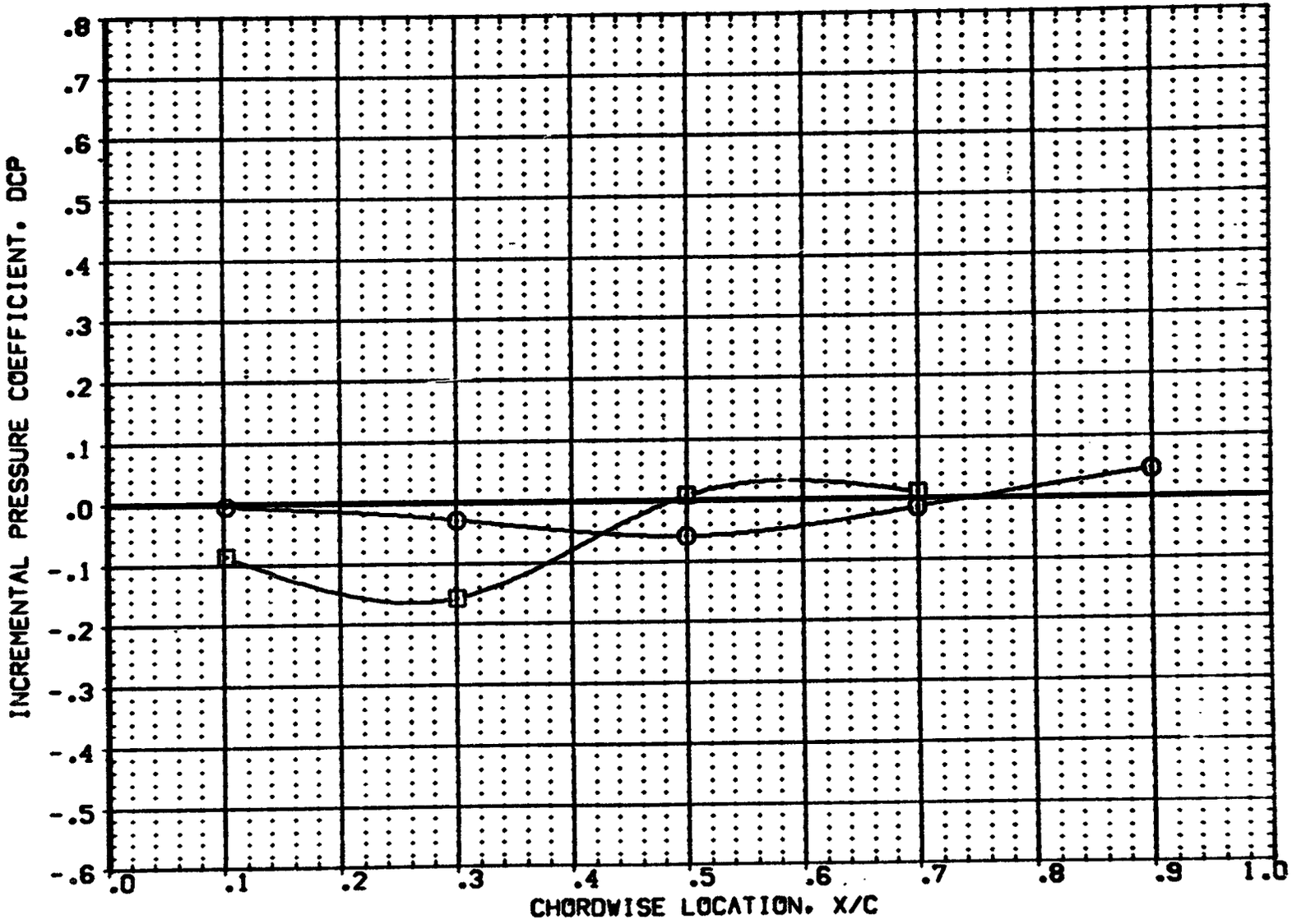

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.223 ALPHA = .000 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L06)	○	IAGB (CI FI M2(1)) - (CI FI) UPPER WING	.000
(AF4L06)	□	IAGB (CI FI M2(1)) - (CI FI) LOWER WING	.000

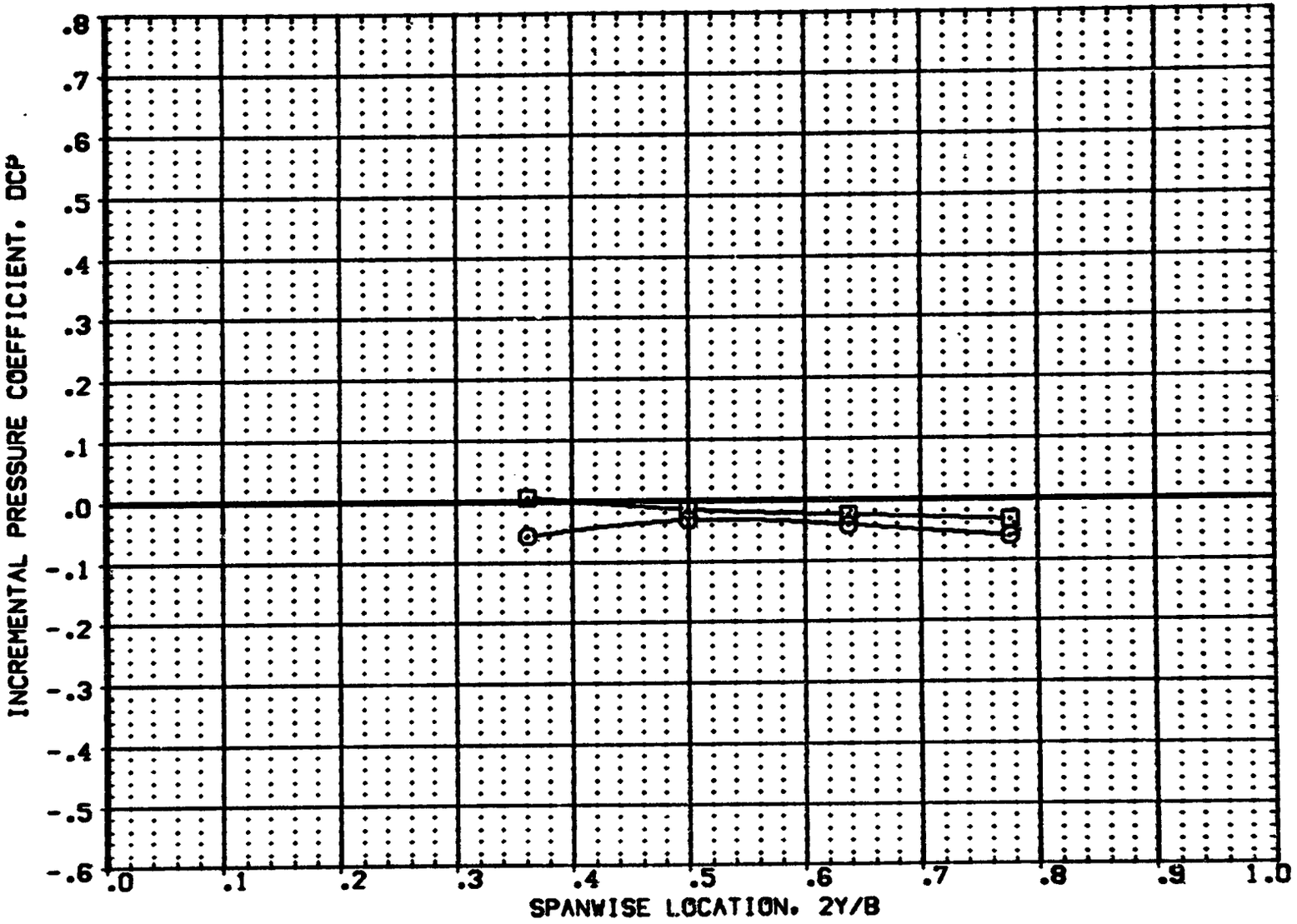

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = .000 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L06)	○	(ASB (C1 F1 M2(1)) - (C1 F1) UPPER WING	.000
(AF4L06)	□	(ASB (C1 F1 M2(1)) - (C1 F1) LOWER WING	.000

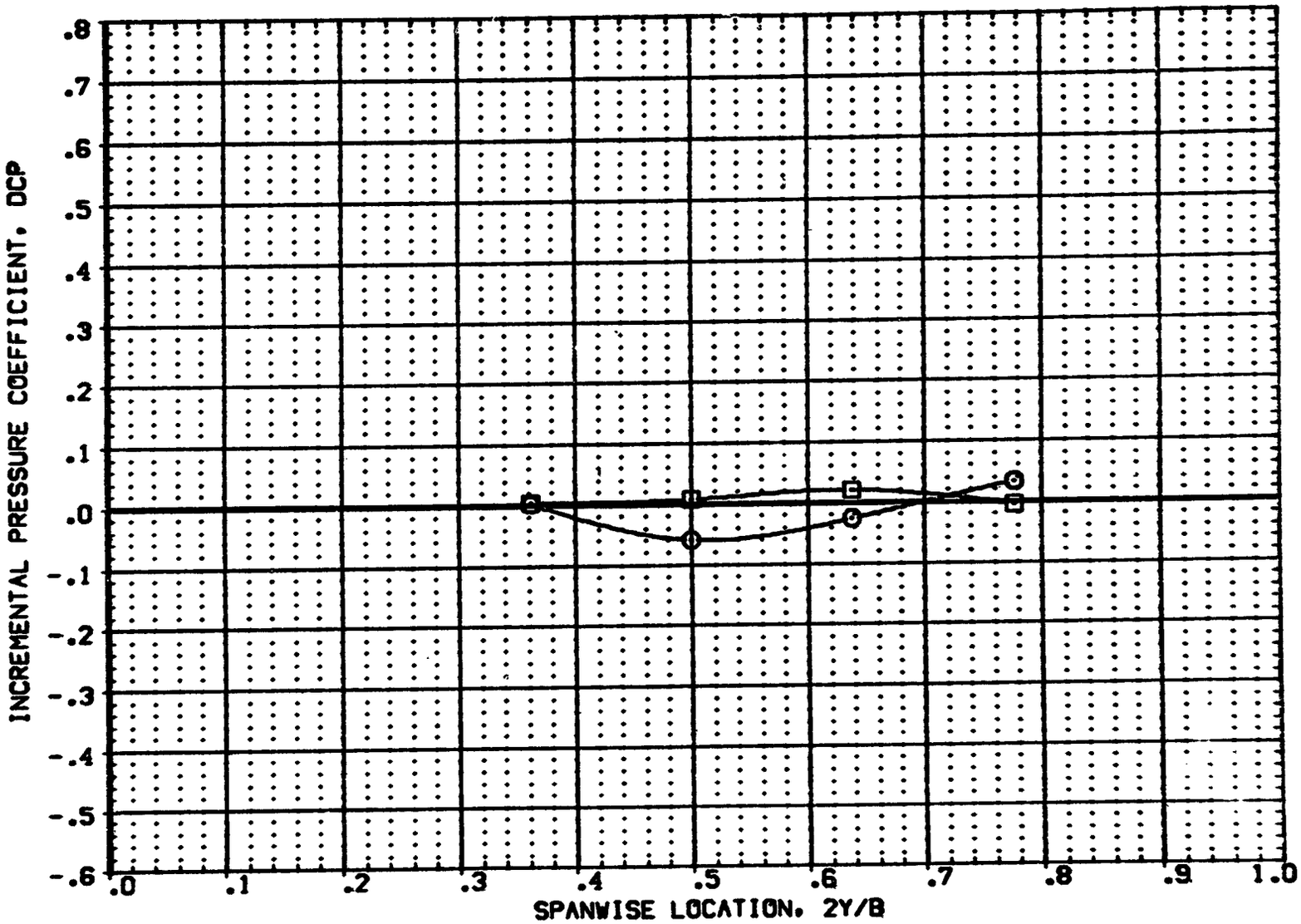

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.223 ALPHA = .000 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	1A68 (C1F1M2[1]+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	1A68 (C1F1M2[1]+FILLET) - (C1F1) LOWER WING	.000

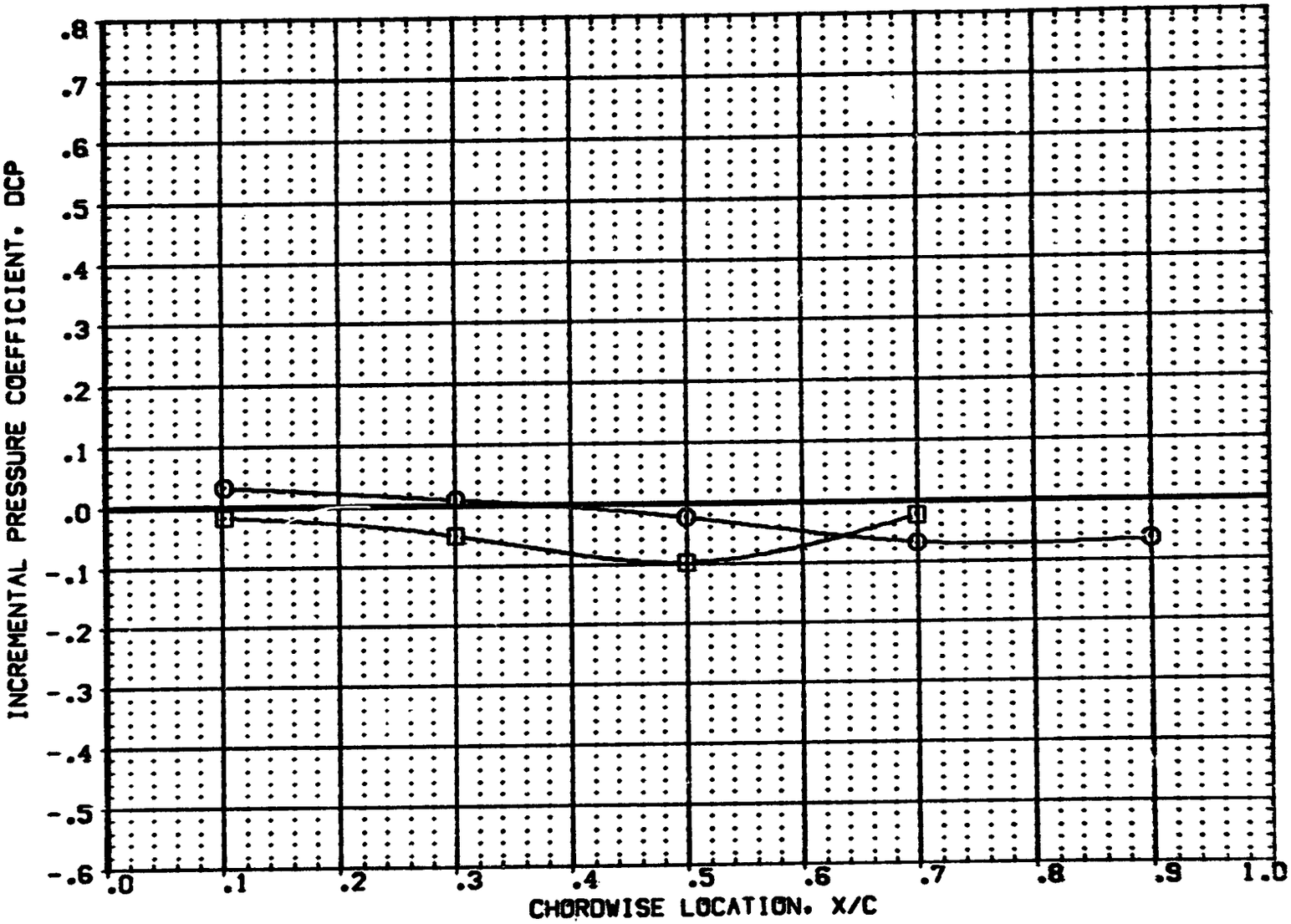

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -3.870 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	IASB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	IASB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -1.920 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	IA6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	IA6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

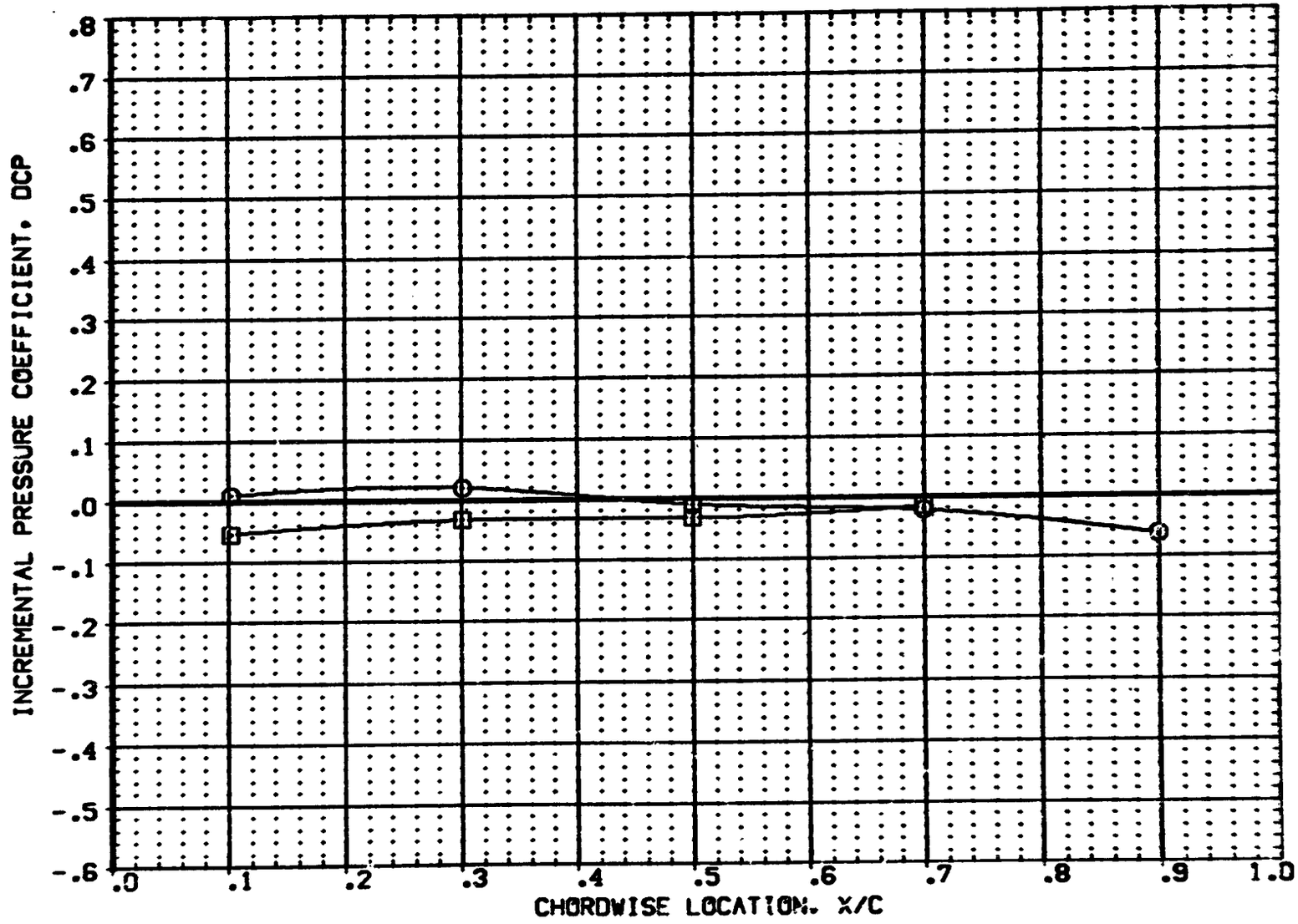

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = .000 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	(A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	(A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

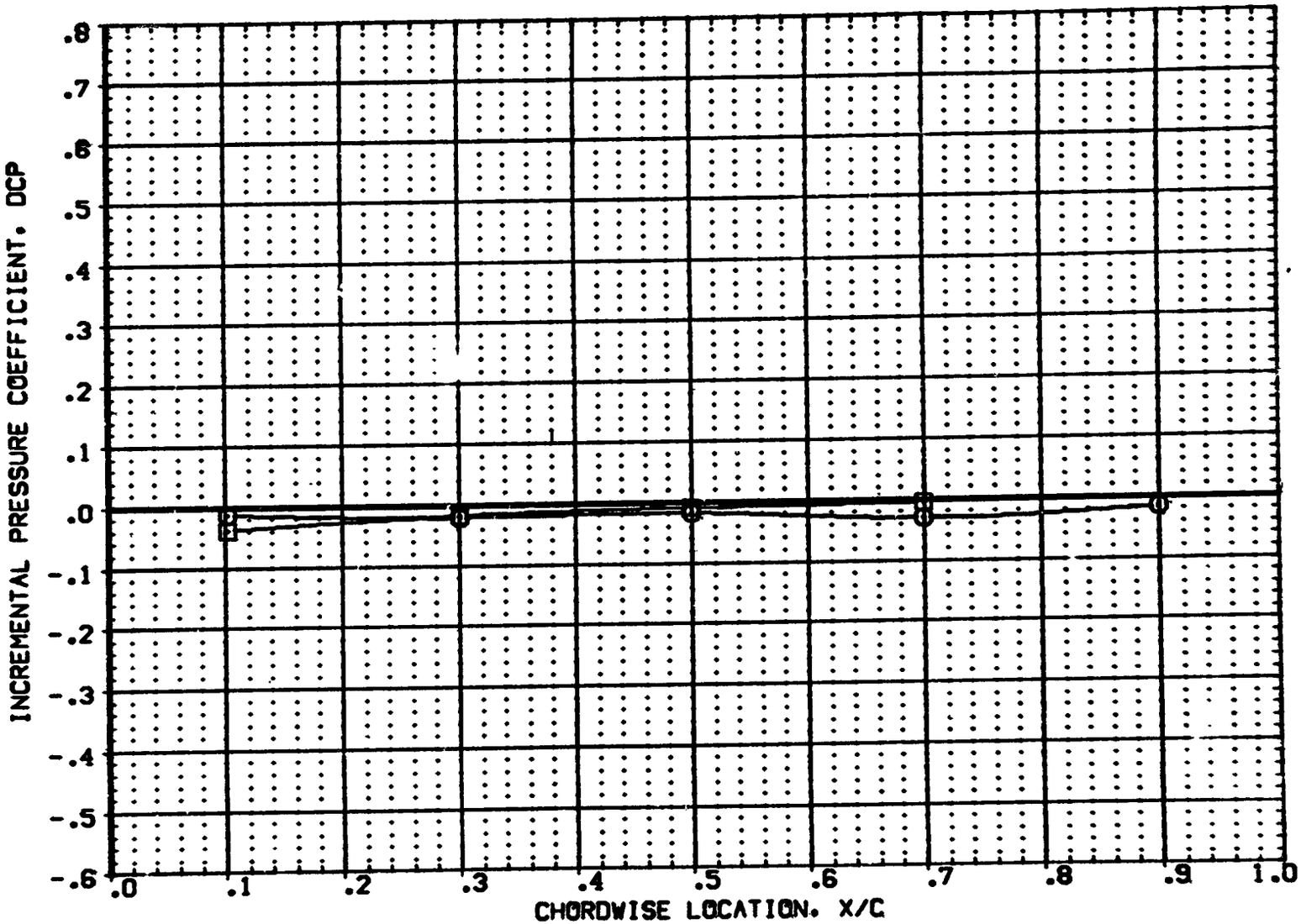

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = 1.890 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	(A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	(A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = 3.790 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4LO7)	○	IASB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LO7)	□	IASB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.206 ALPHA = -3.950 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4L07]	8	1A68 [C1F1M2[1]+FILLET] - [C1F1] UPPER WING	.000
[AF4L07]	8	1A68 [C1F1M2[1]+FILLET] - [C1F1] LOWER WING	.000

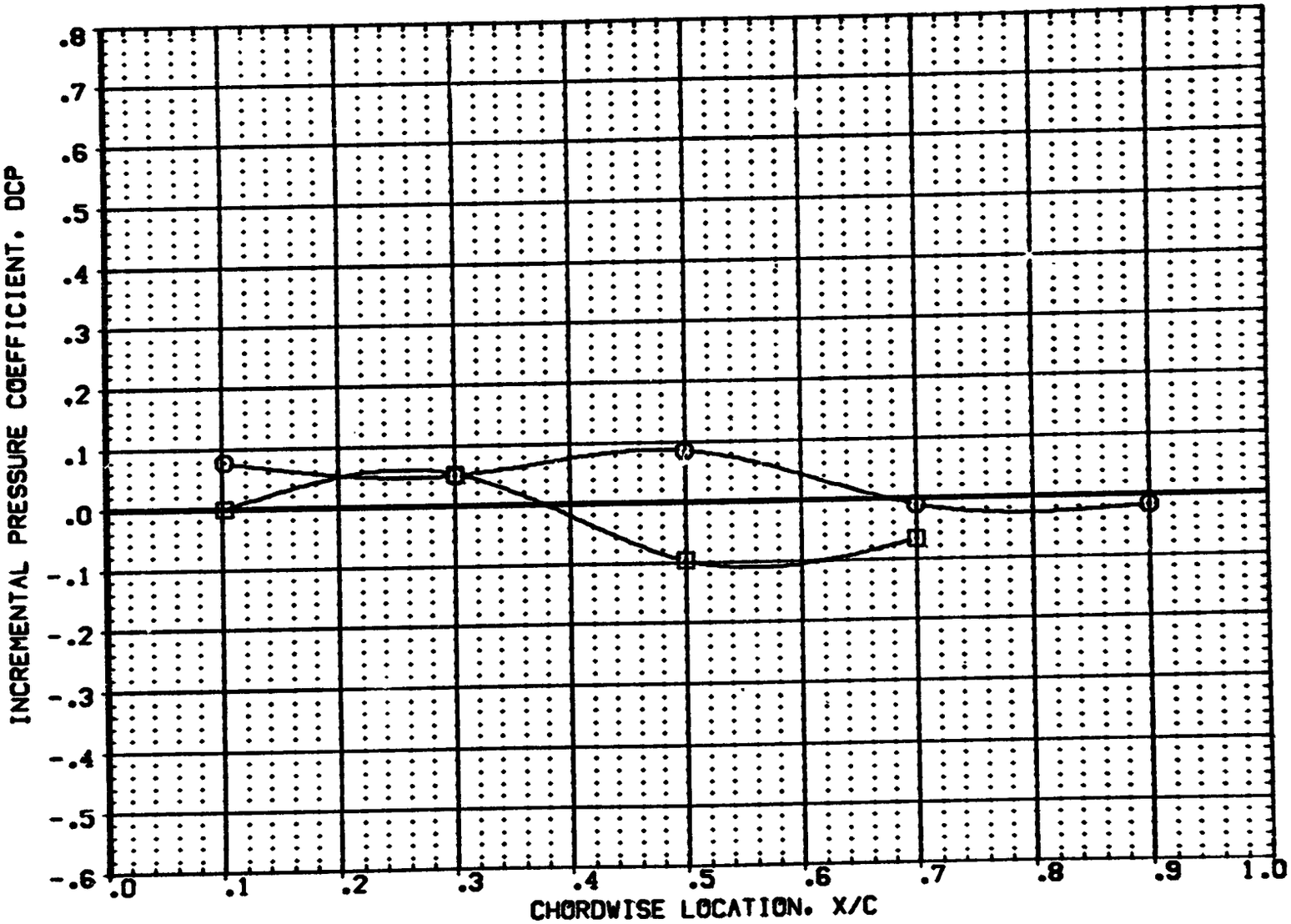

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.206 ALPHA = -2.000 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U07) ⊟	(A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07) ⊟	(A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.206 ALPHA = 3.850 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	☐	(A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	☐	(A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

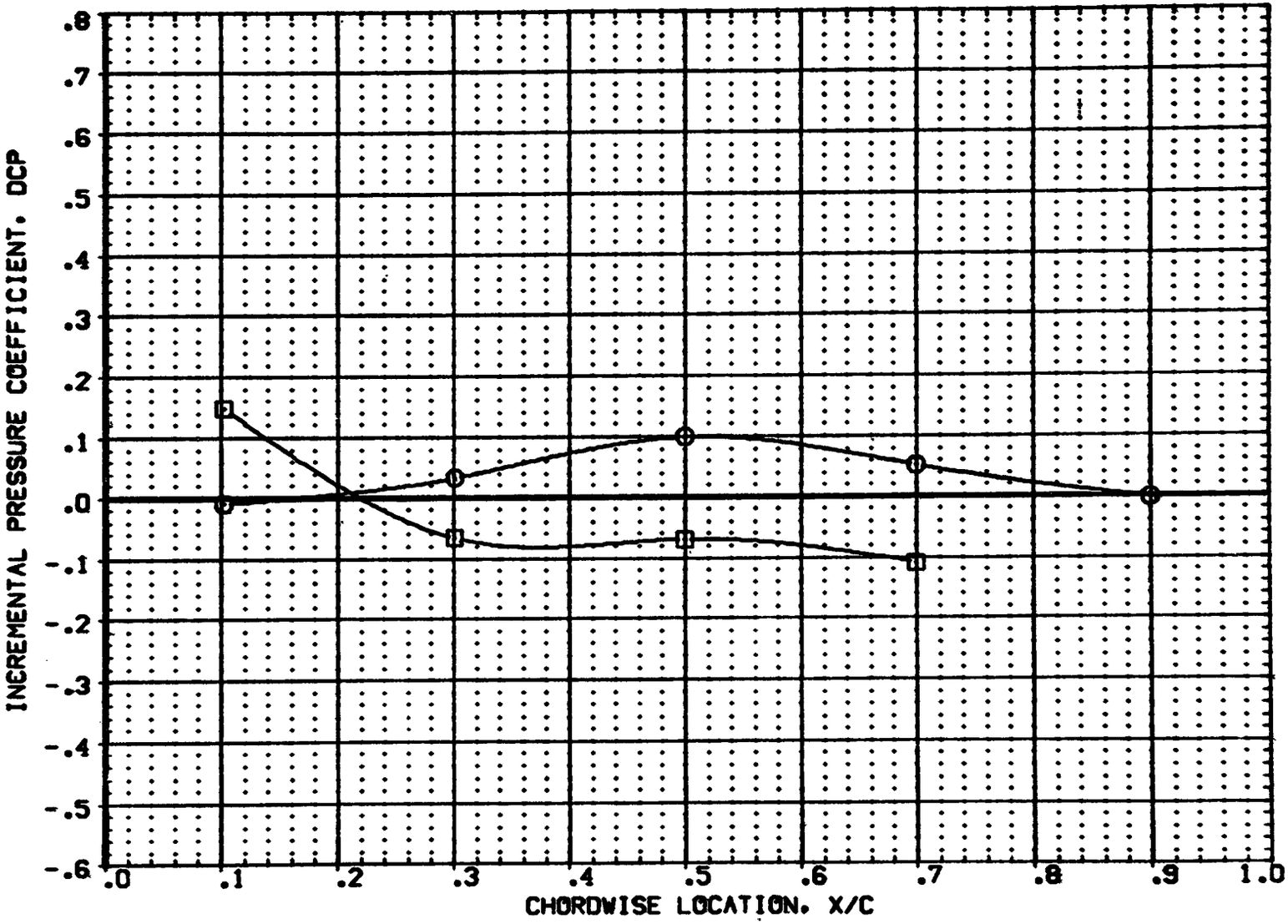

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -3.850 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	(A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	(A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

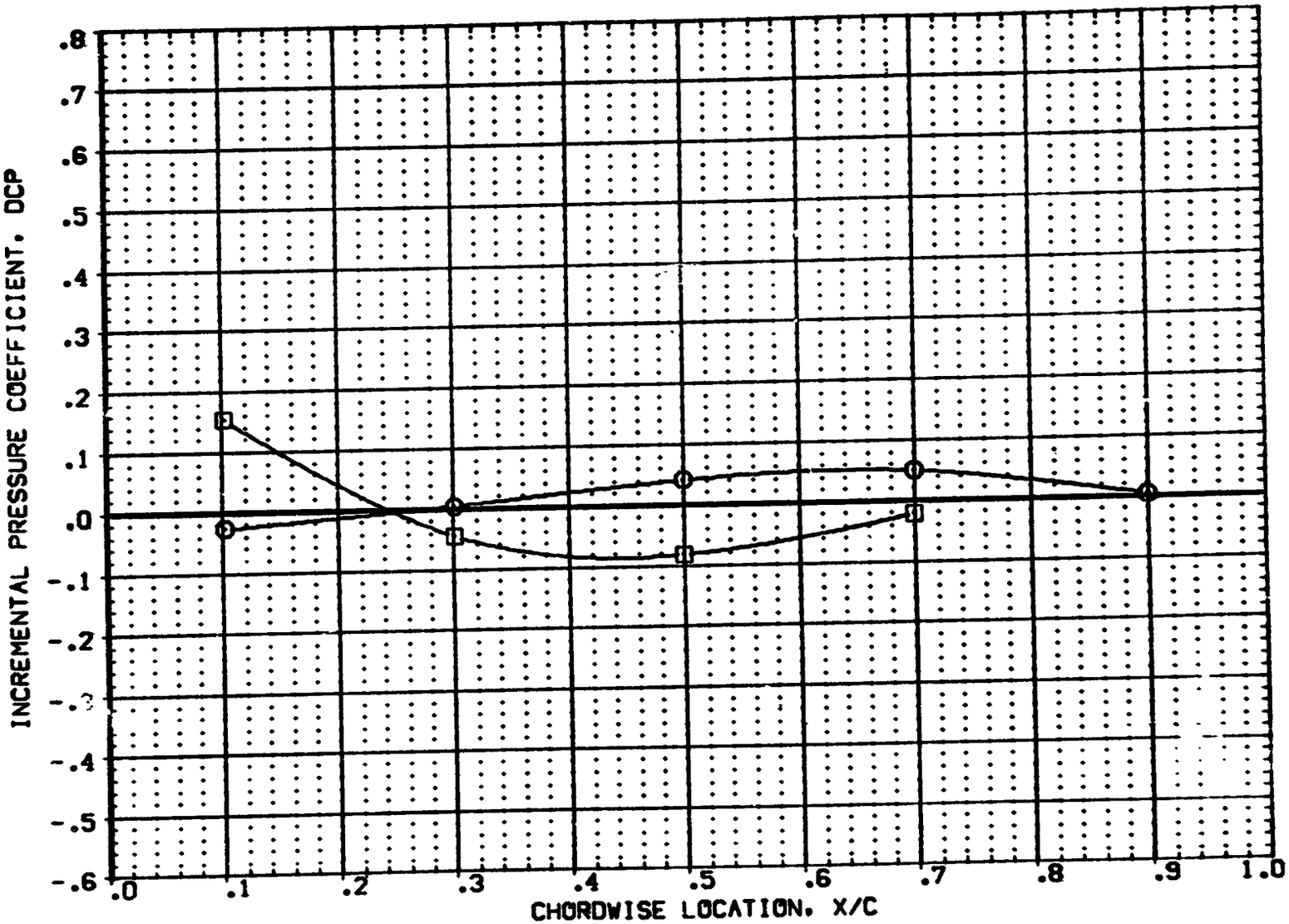

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = .010 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4LU07)	○	IA6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LC07)	□	IA6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

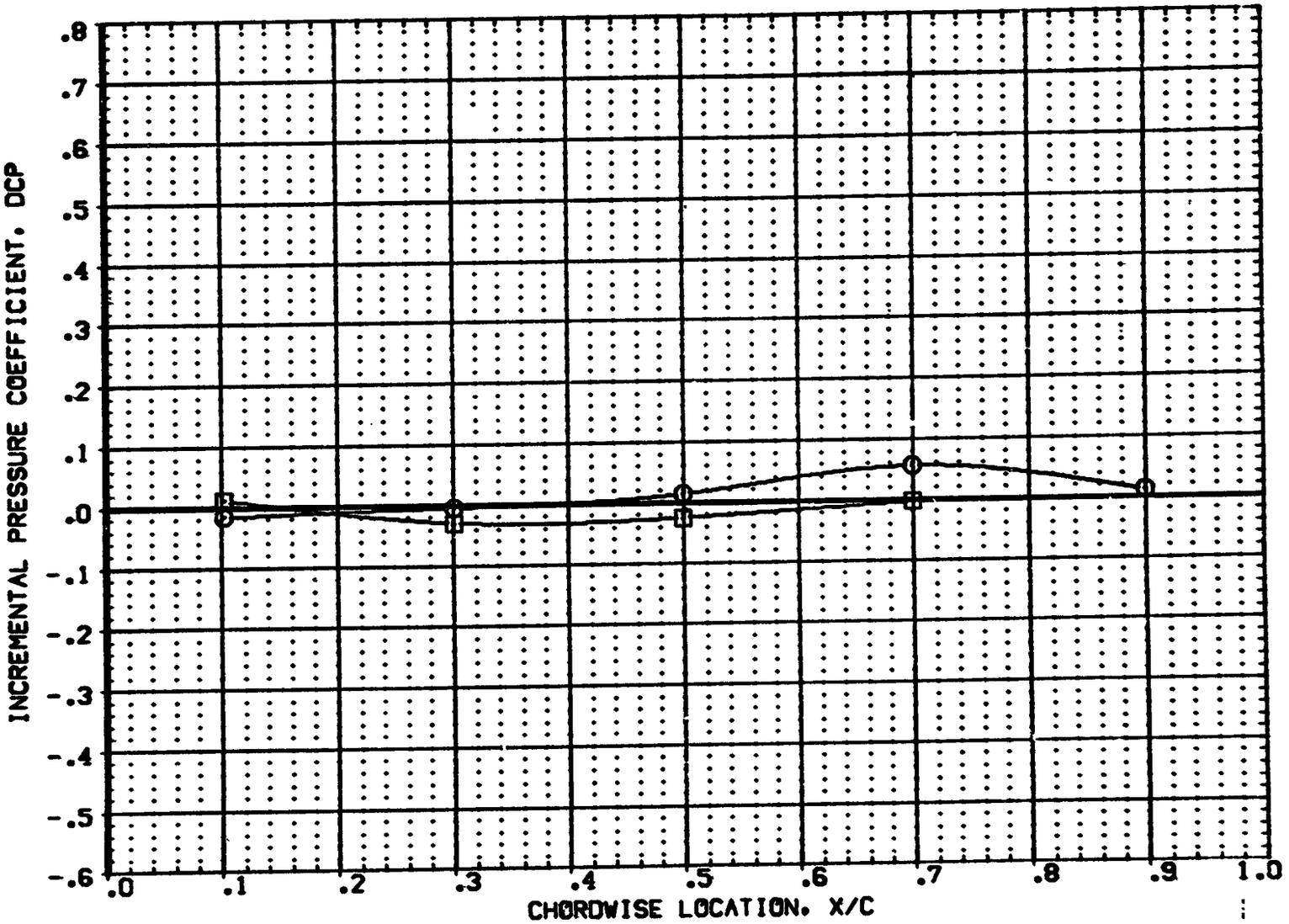

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 1.940 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07) ○	IAGB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07) □	IAGB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

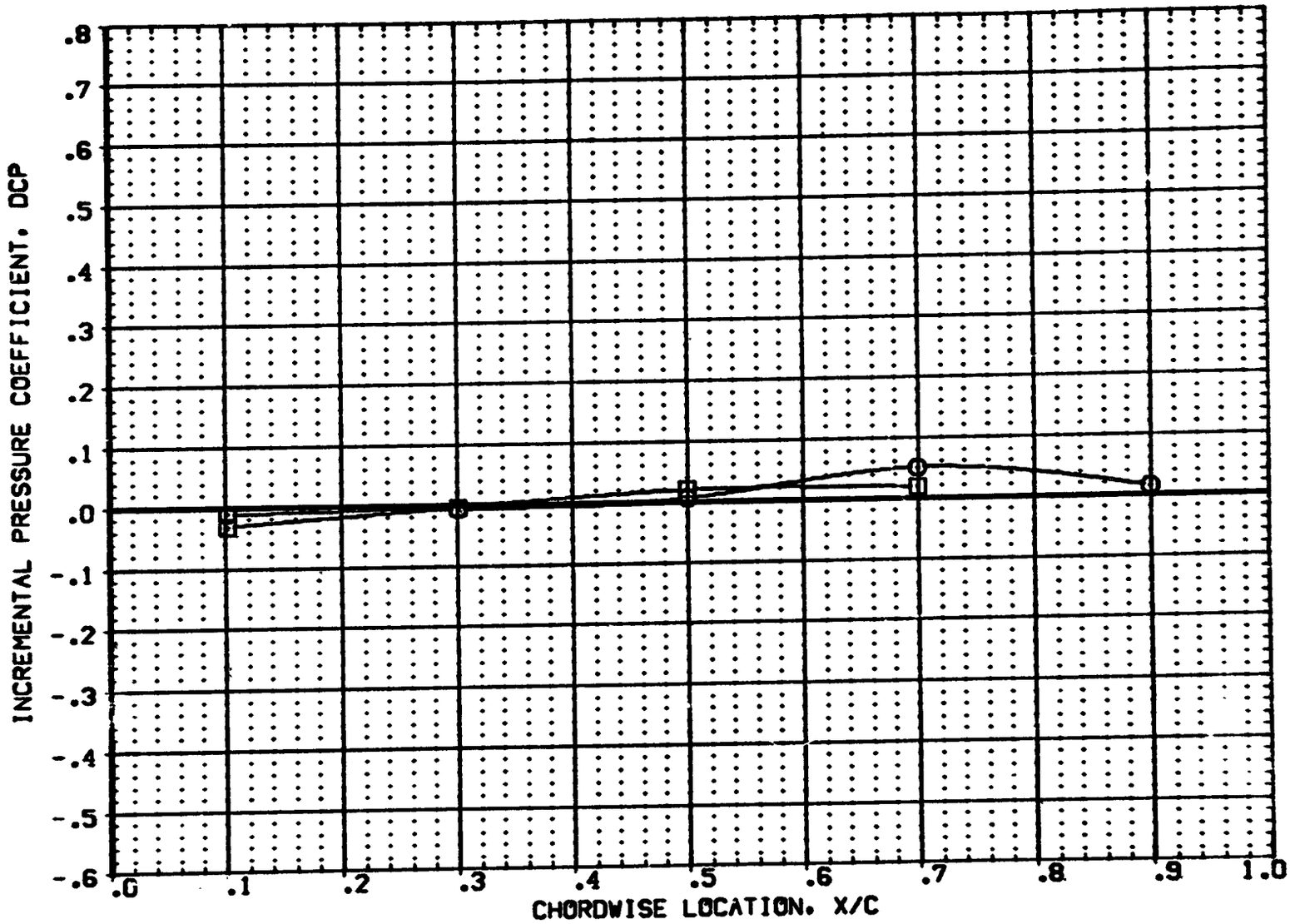

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 3.810 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U07) ⊡	IAGB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07) ⊟	IAGB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

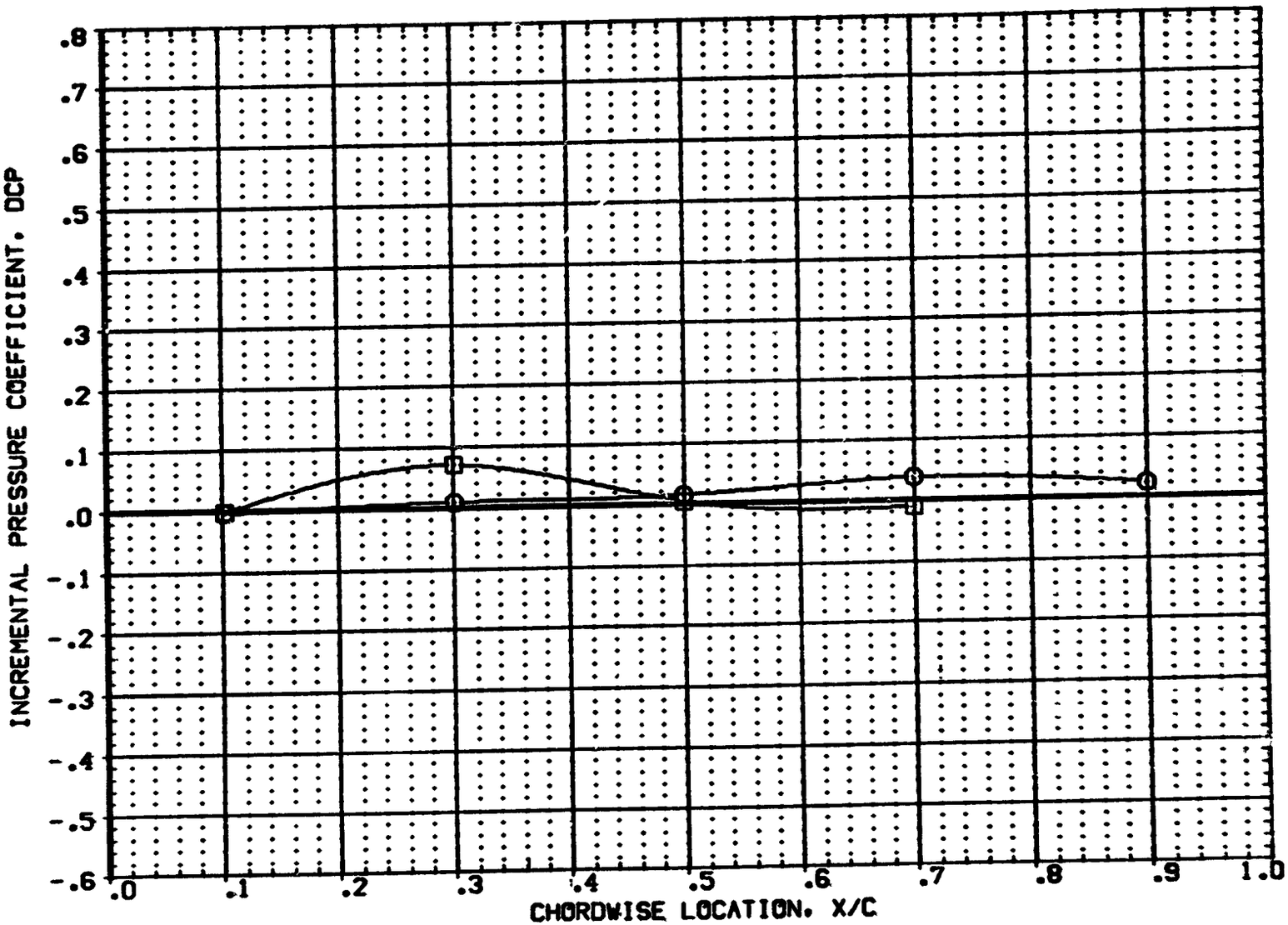

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -1.900 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	1A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	1A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

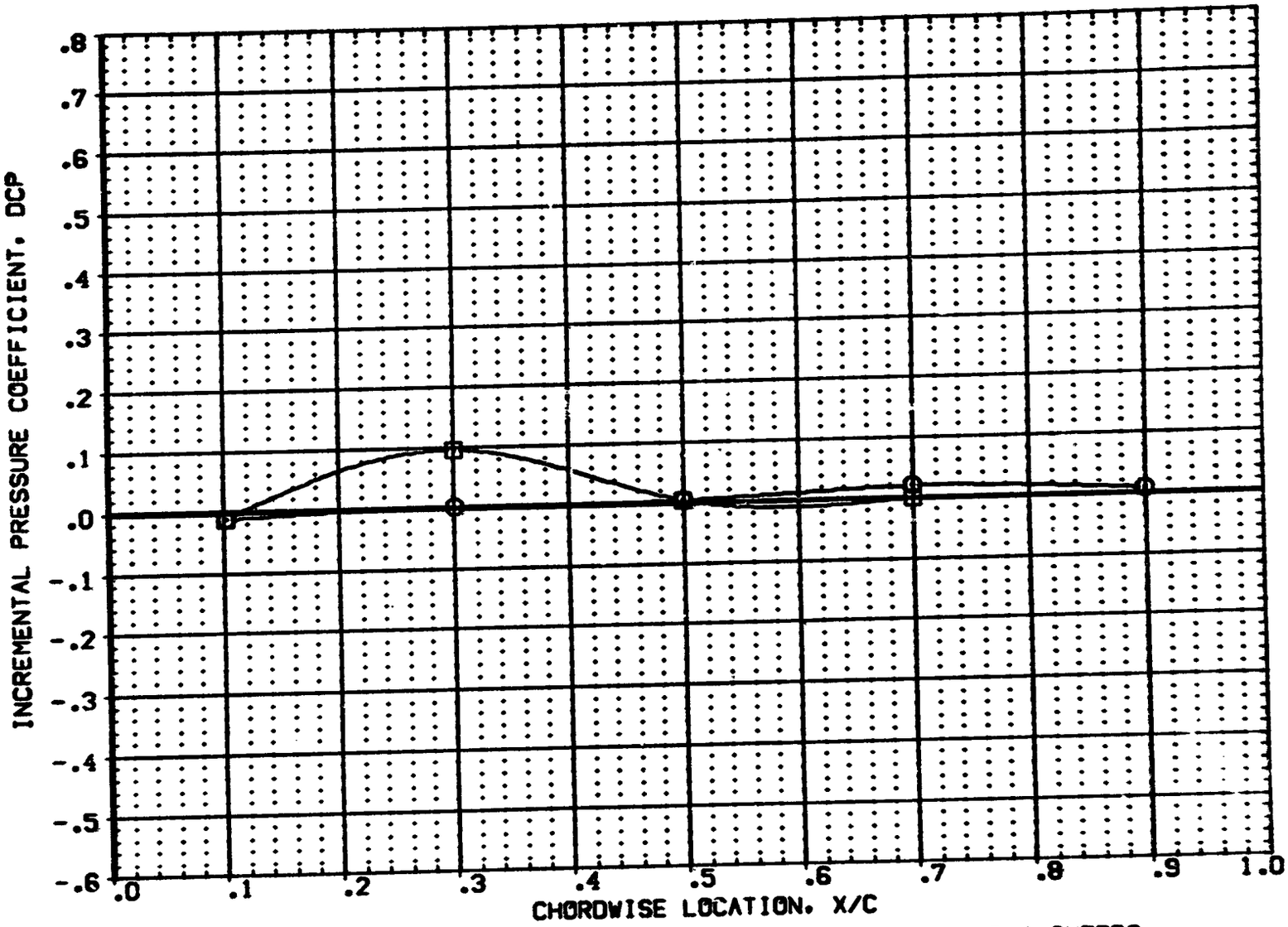

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = .100 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	(ASB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	(ASB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

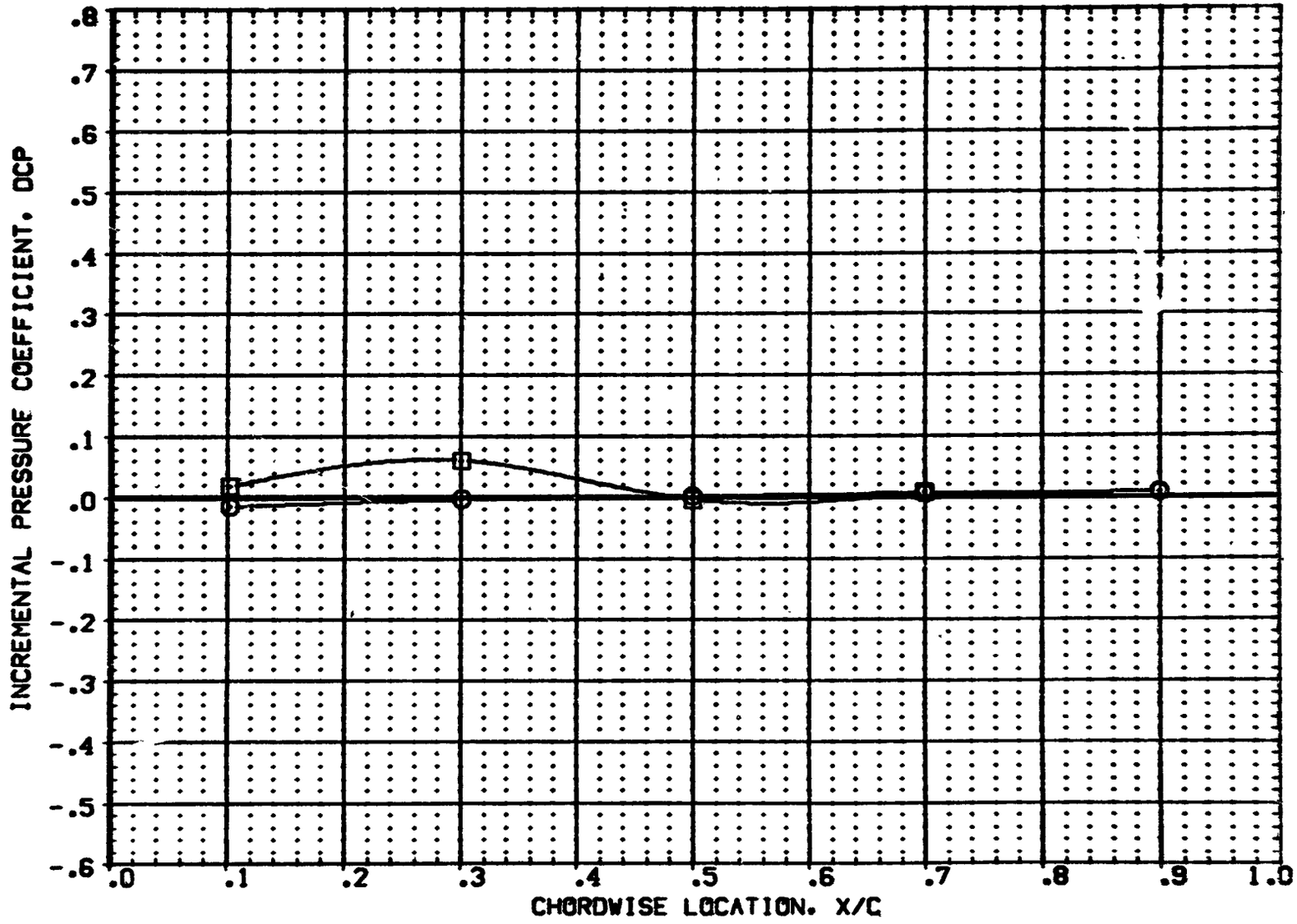

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 2.120 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U07)	○	1A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	1A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

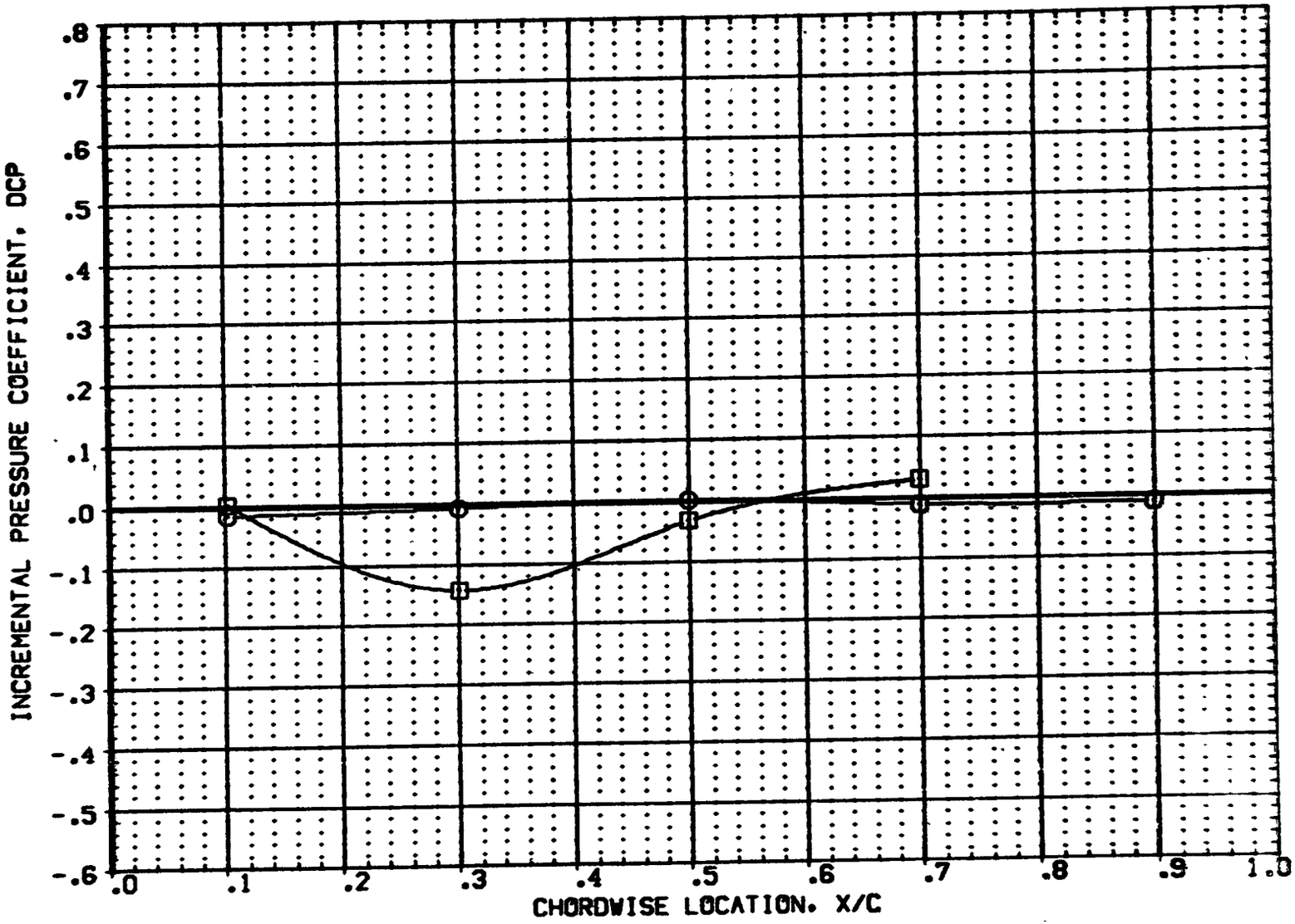

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 4.070 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U07)	○	1A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	1A6S (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

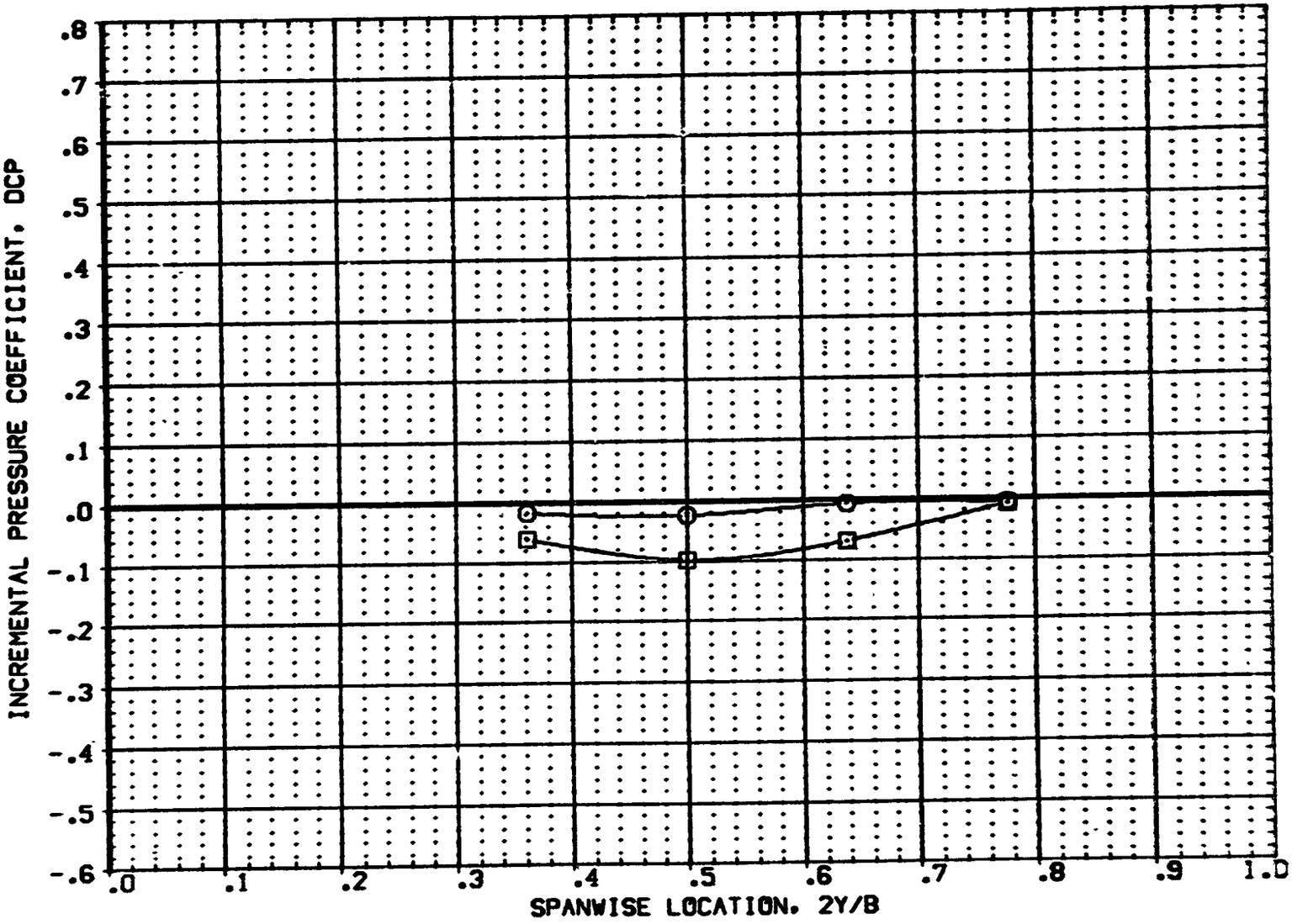

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -3.870 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U07)	☐	1A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	☐	1A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

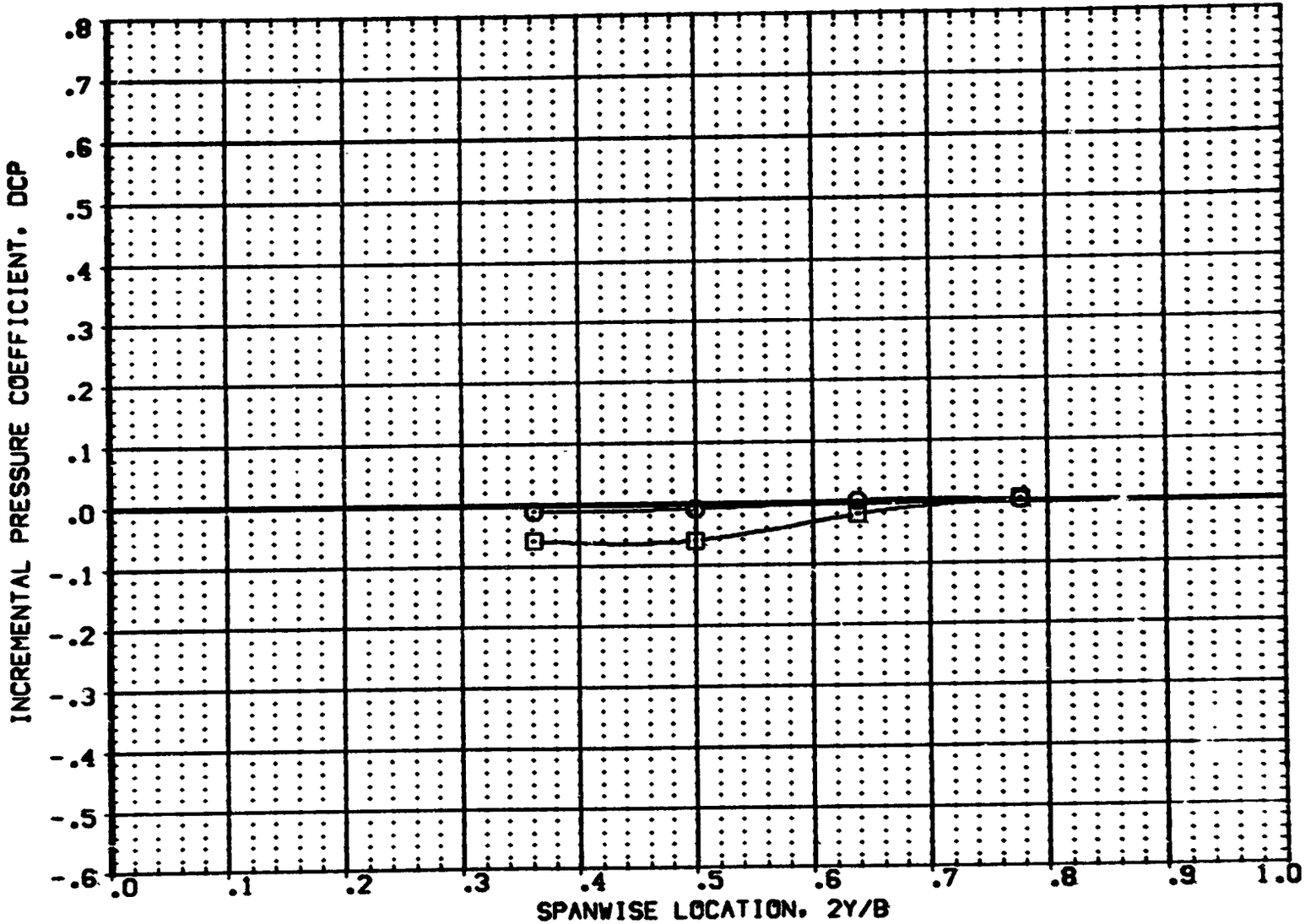

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -1.920 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	1A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	1A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

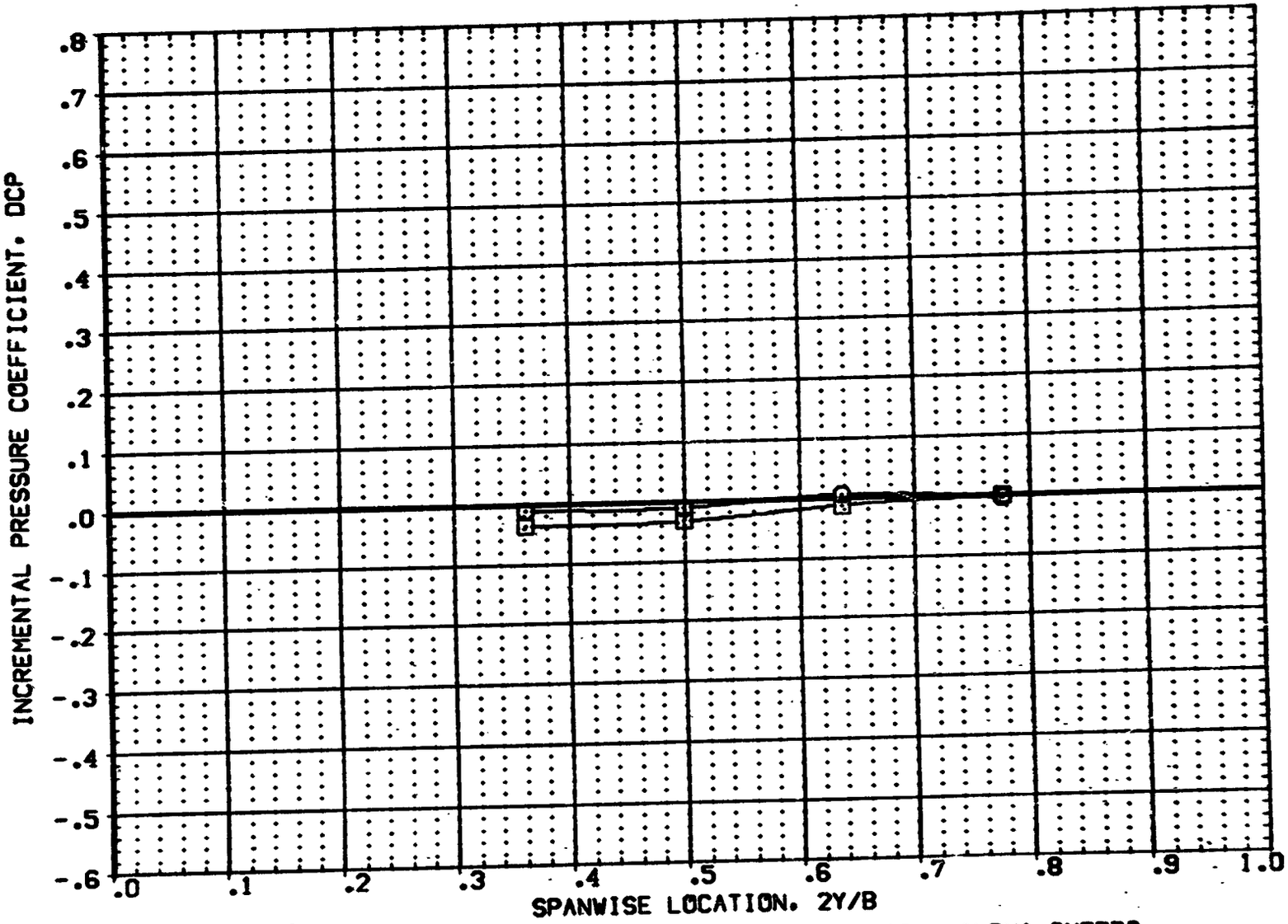

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = .000 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	1A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	1A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

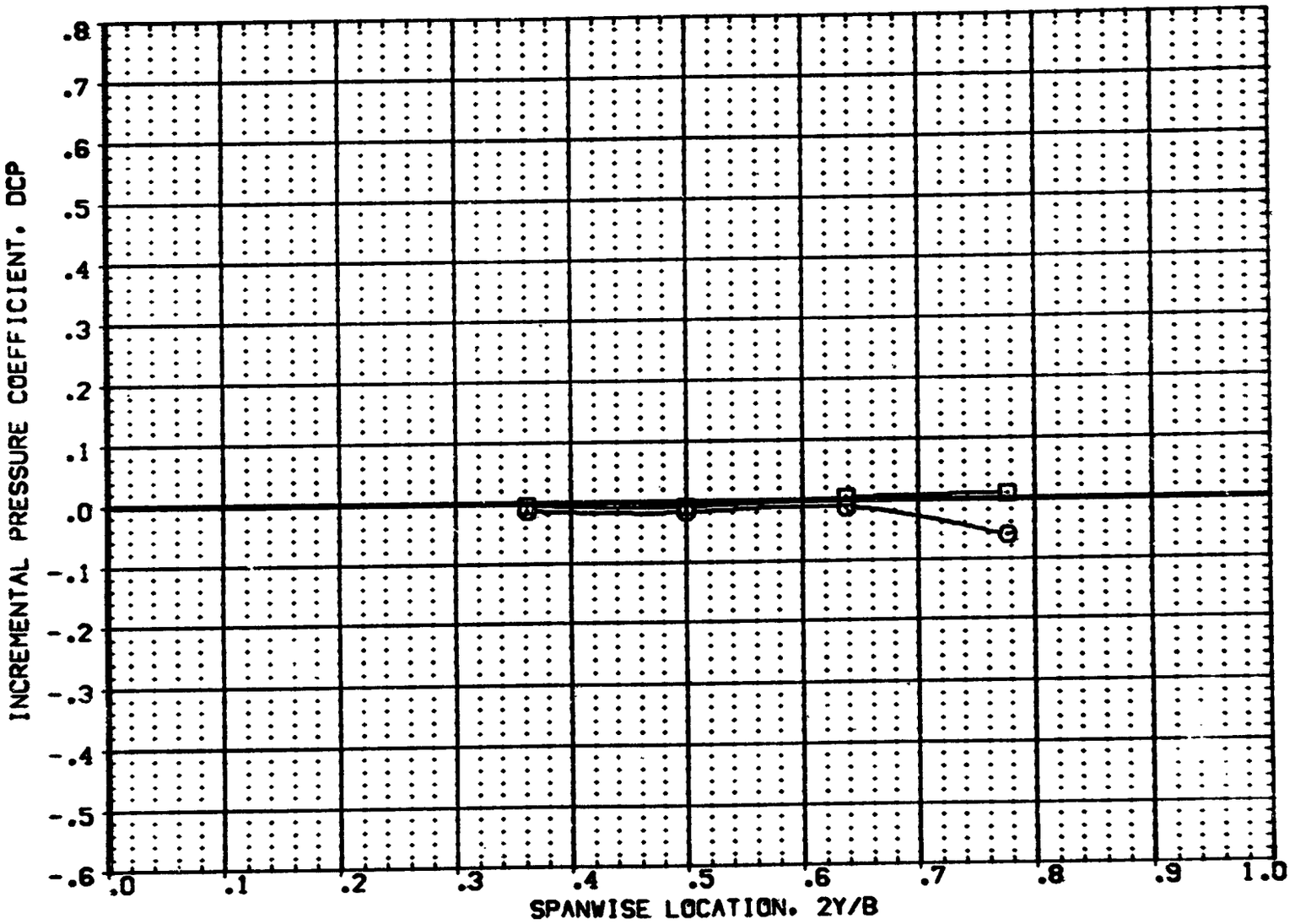

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = 1.890 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	IASB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	IASB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

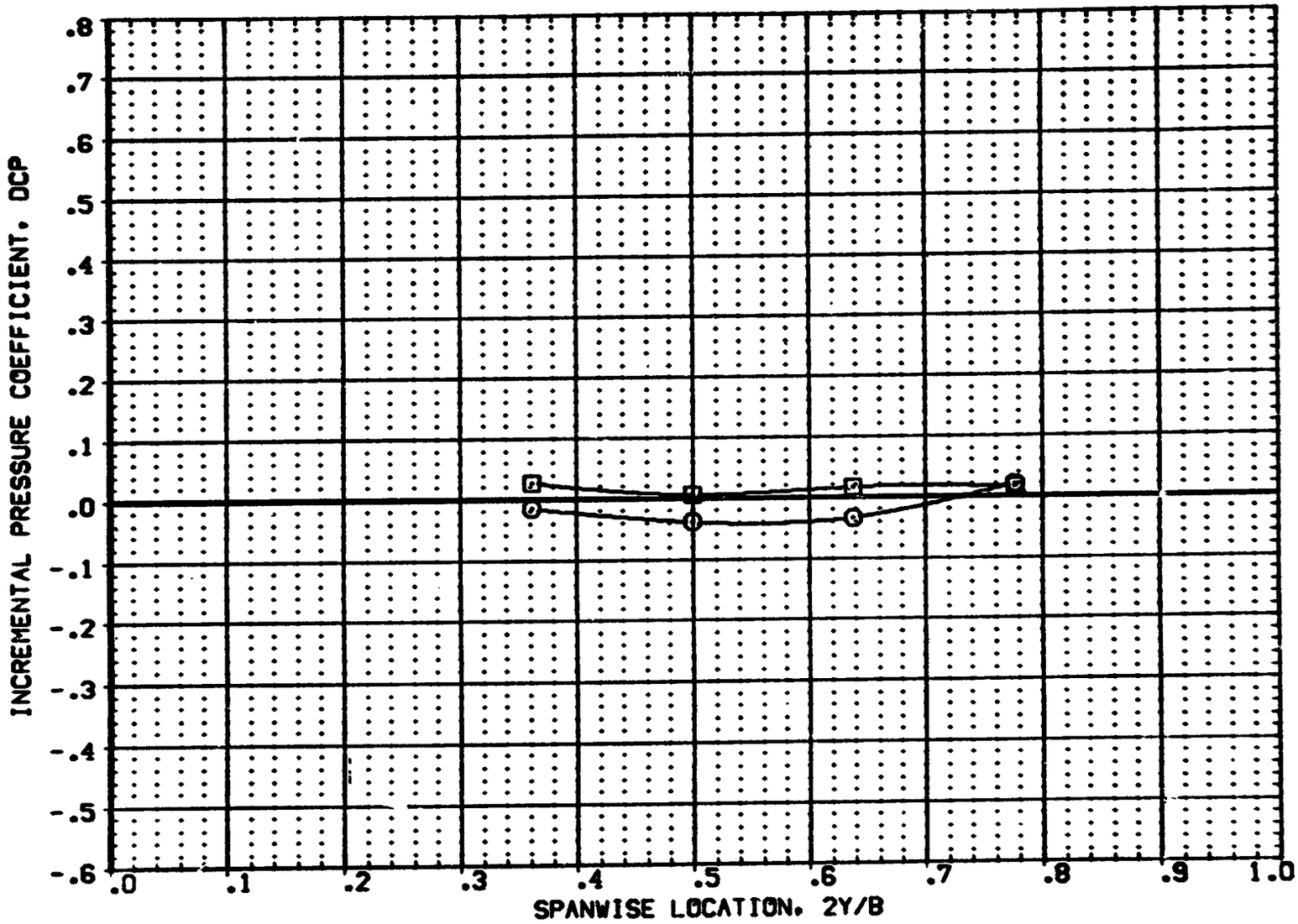

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MAC_H = .896 ALPHA = 3.790 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U07)	○	IA68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	IA68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

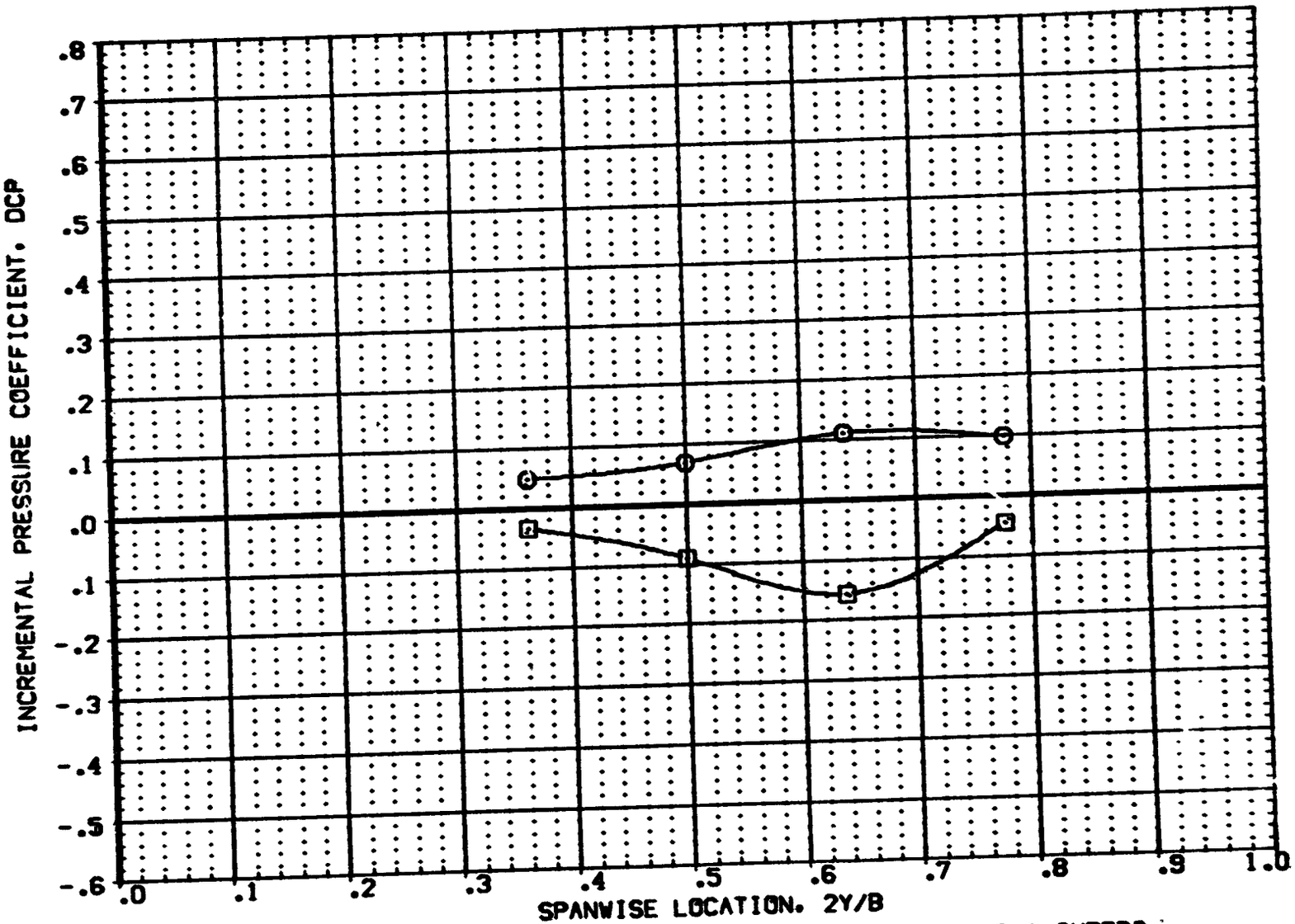

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.206 ALPHA = -3.950 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4LO7)	○	IAGB (C1F1M2[1]+FILLET) - (C1F1) UPPER WING	.000
(AF4LO7)	□	IAGB (C1F1M2[1]+FILLET) - (C1F1) LOWER WING	.000

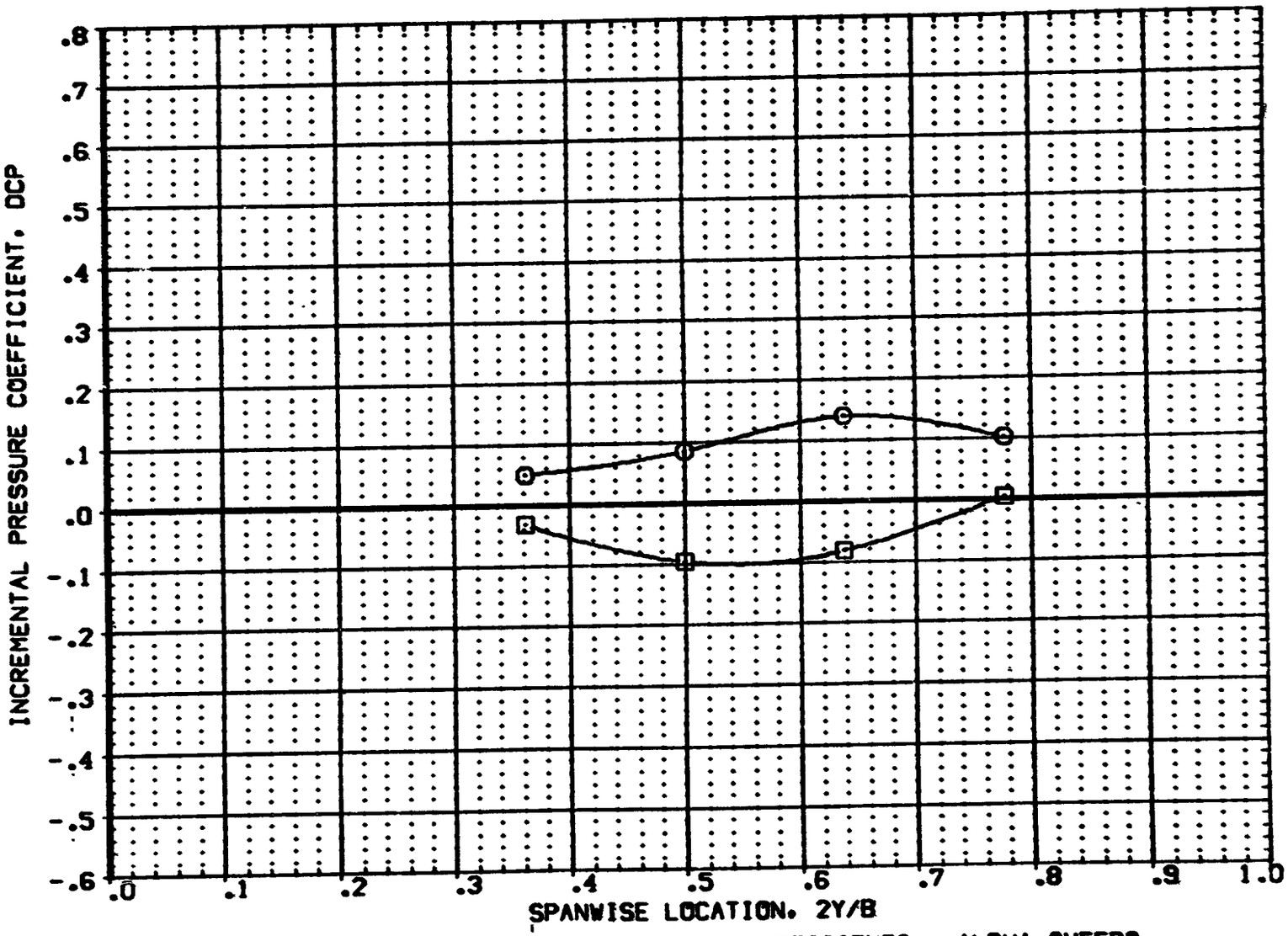

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.206 ALPHA = -2.000 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U07)	○	1A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	1A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

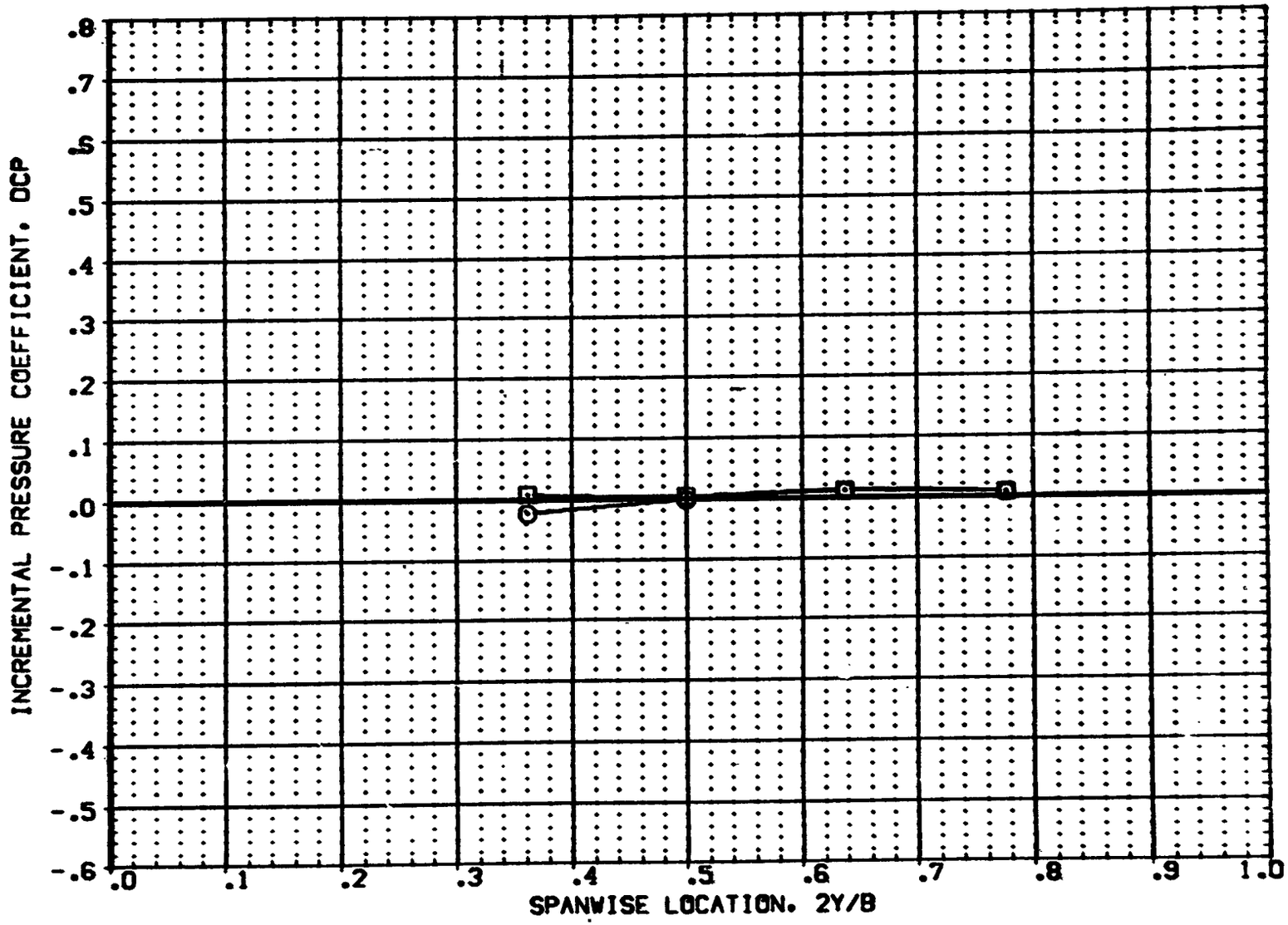

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.206 ALPHA = 3.850 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4LW7)	○	1AGB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LO7)	□	1AGB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

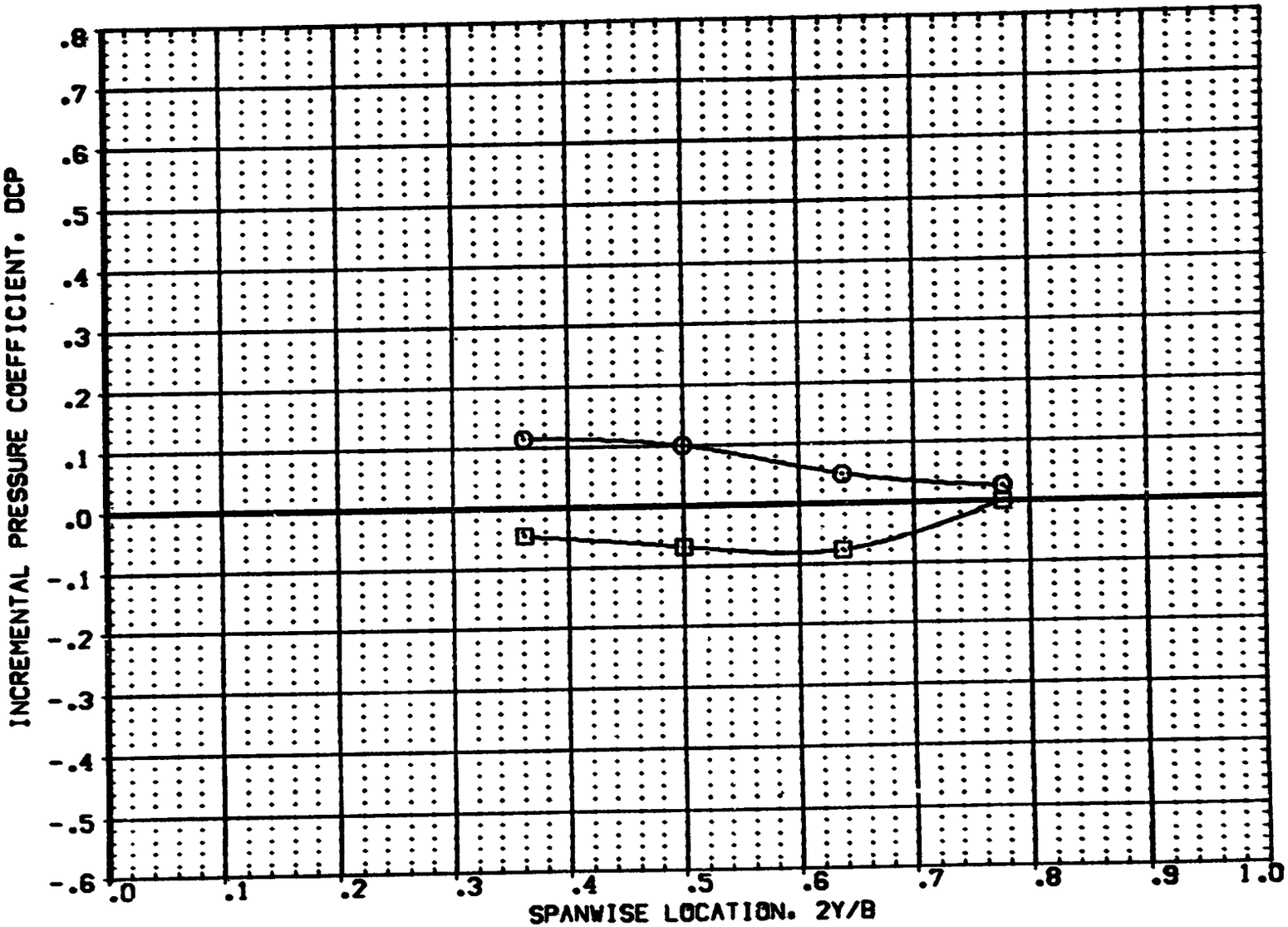

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -3.850 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L07)		IA6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)		IA6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

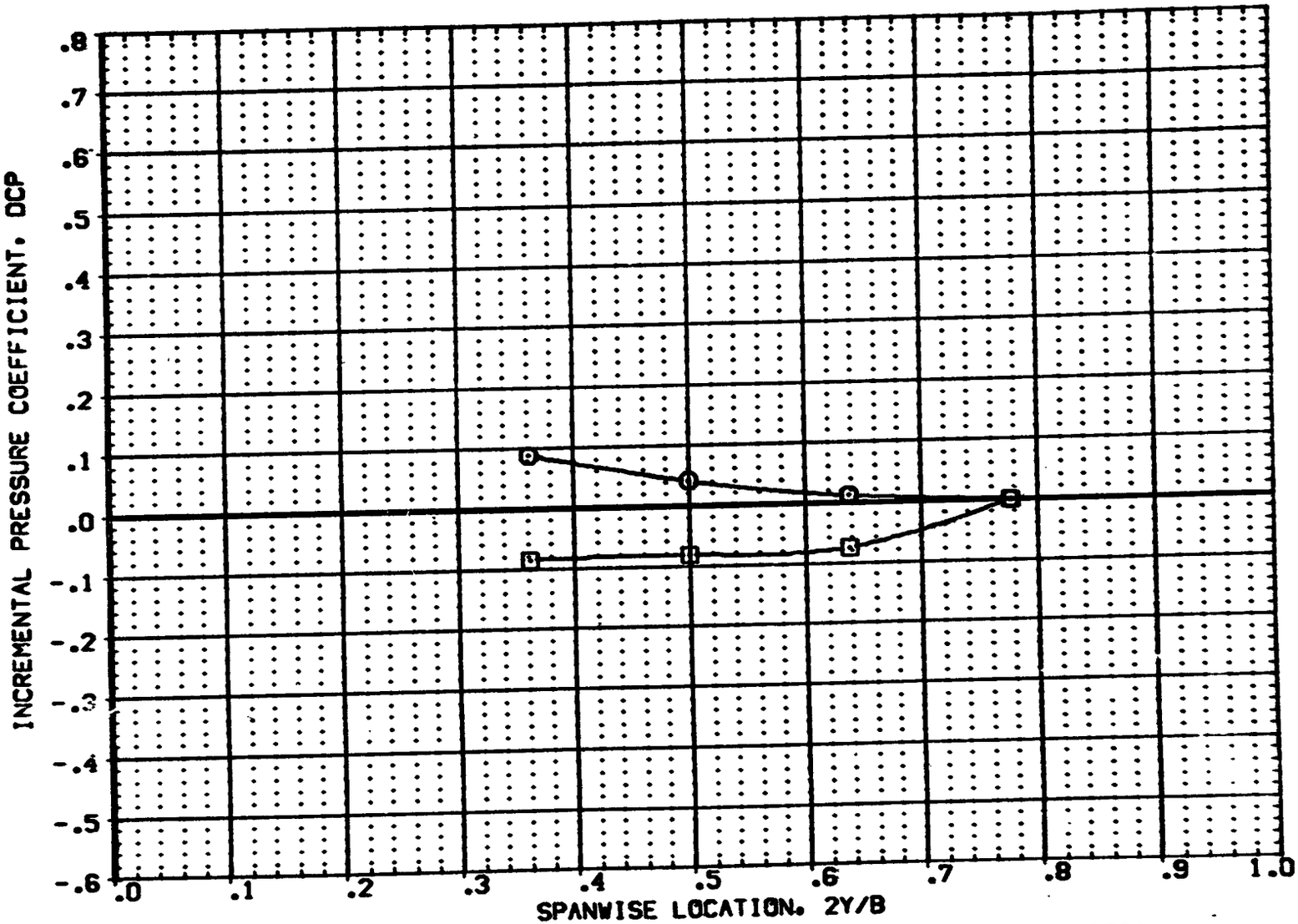

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = .010 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	(A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	(A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

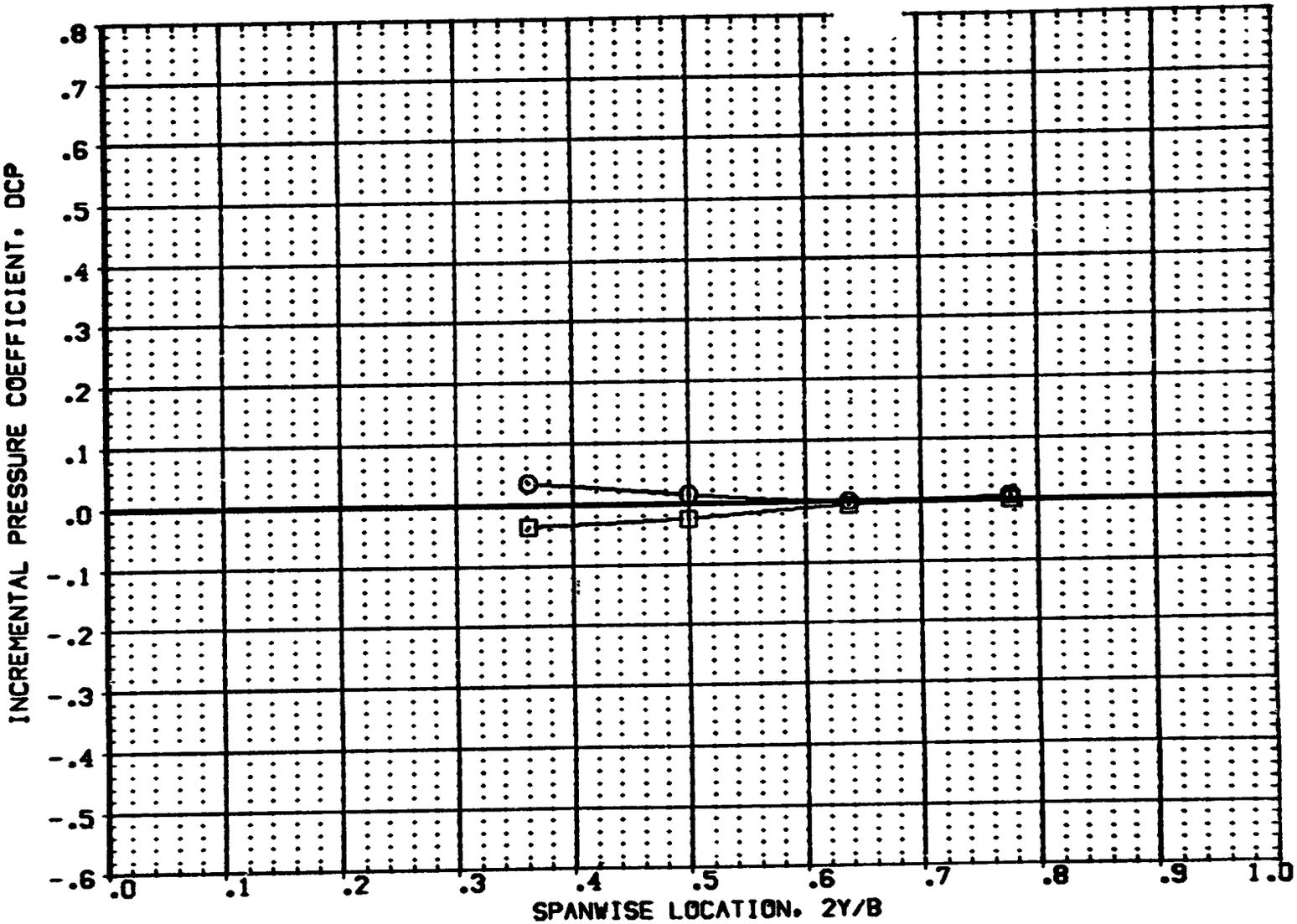

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 1.940 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U07)	○	1A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	1A5B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

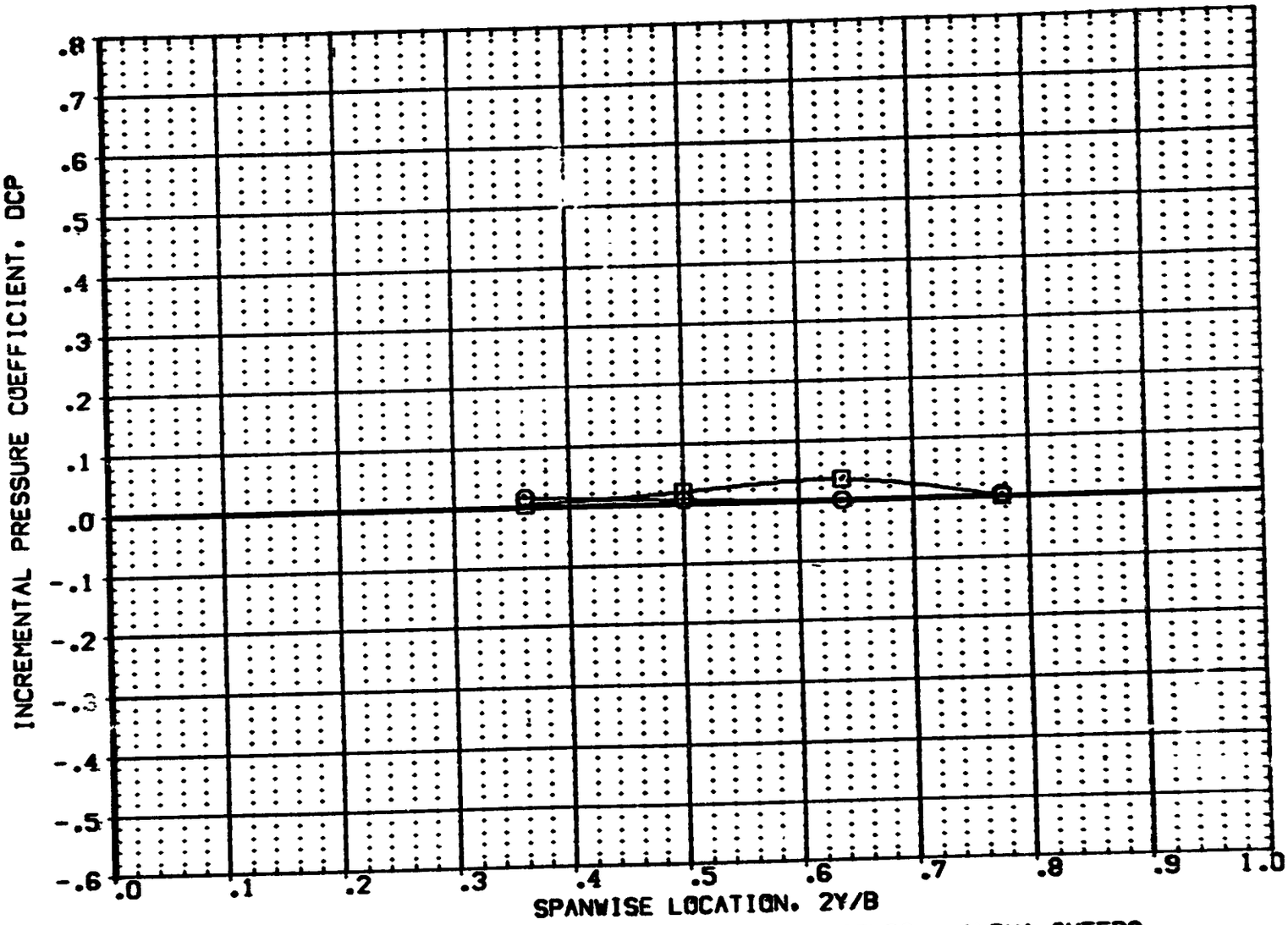

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 3.810 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4LC07)	○	(A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LC07)	□	(A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

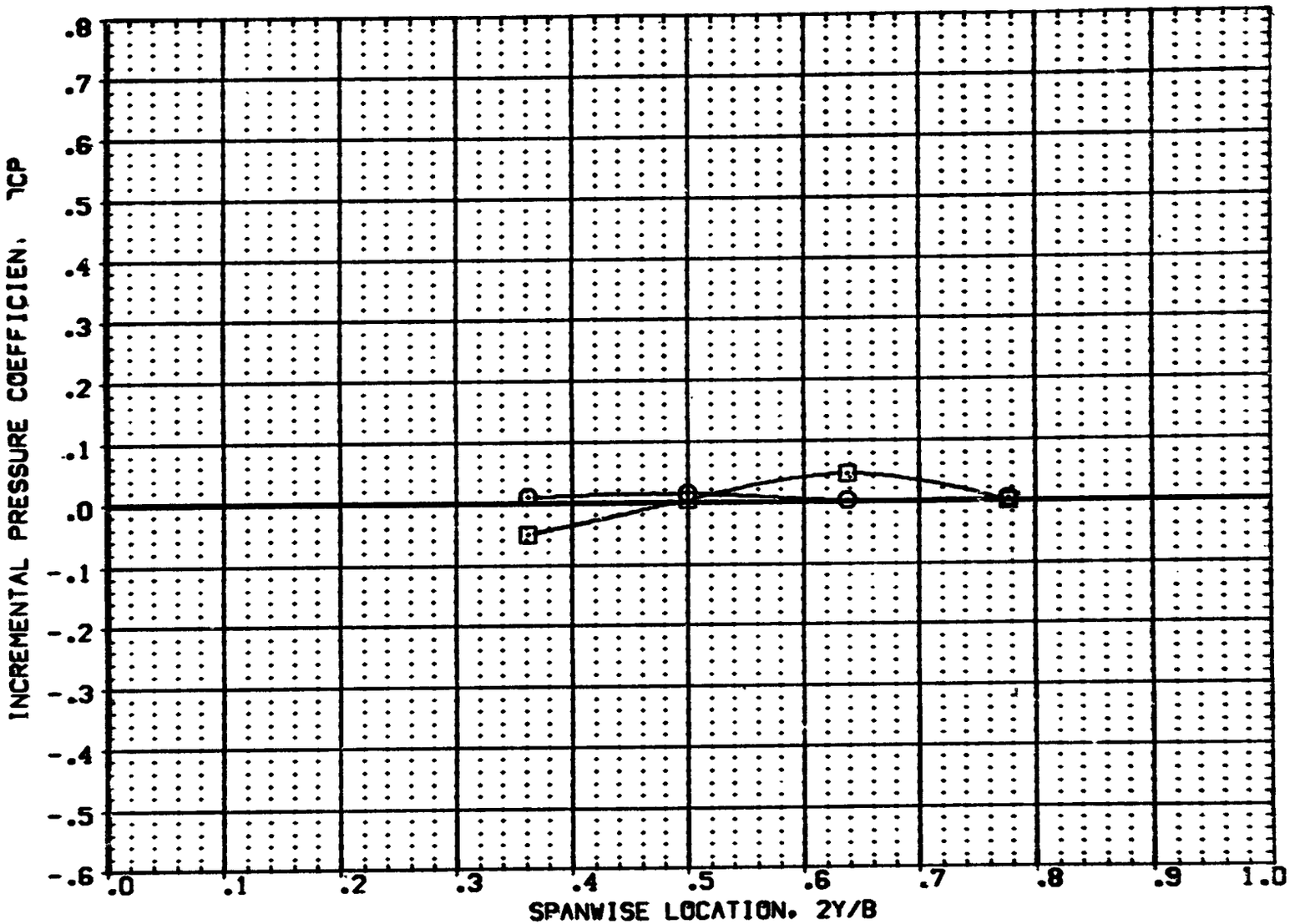

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -1.900 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	○	1A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	1A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

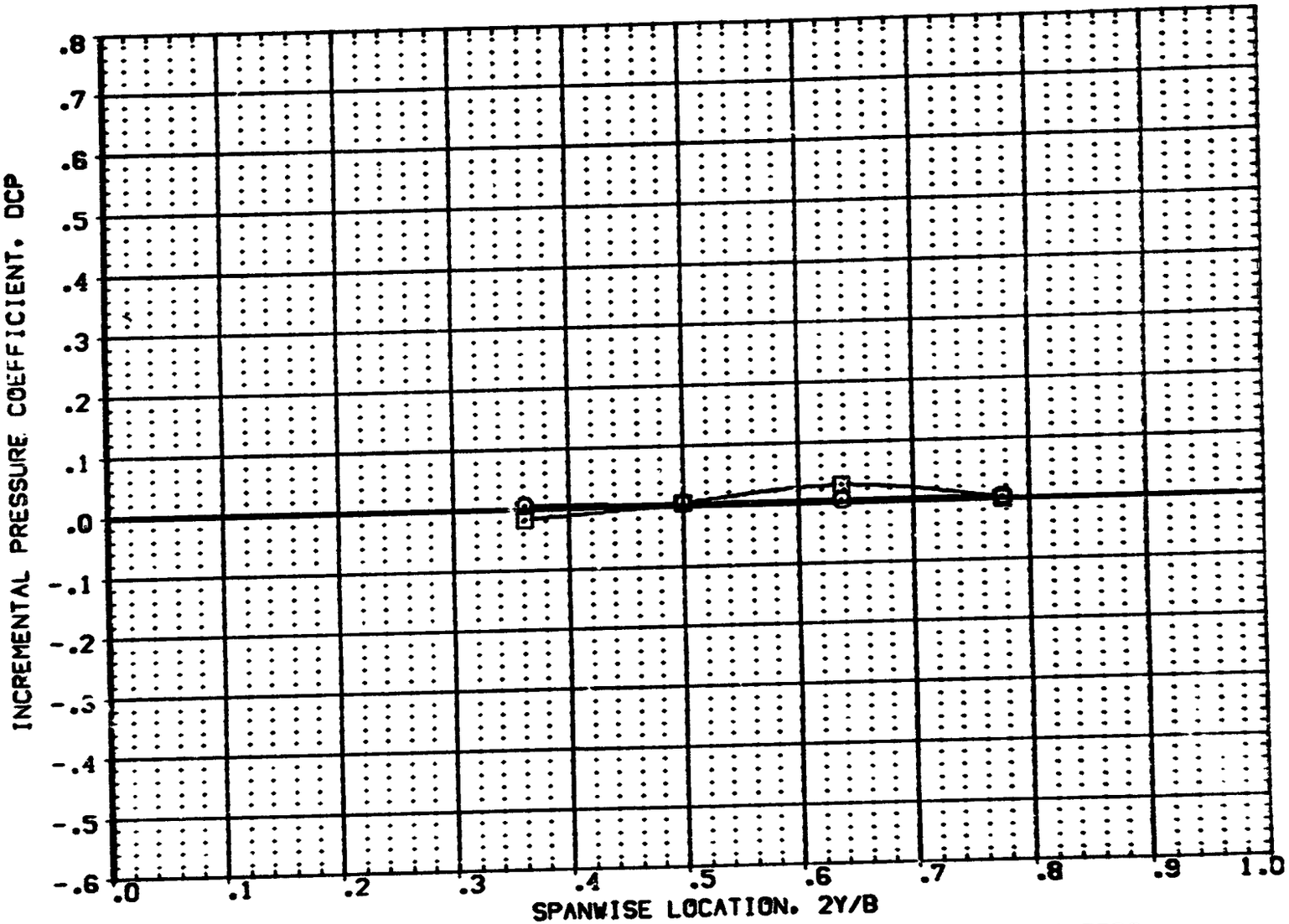

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = .100 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L07)	8	(AE8 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	8	(AE8 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

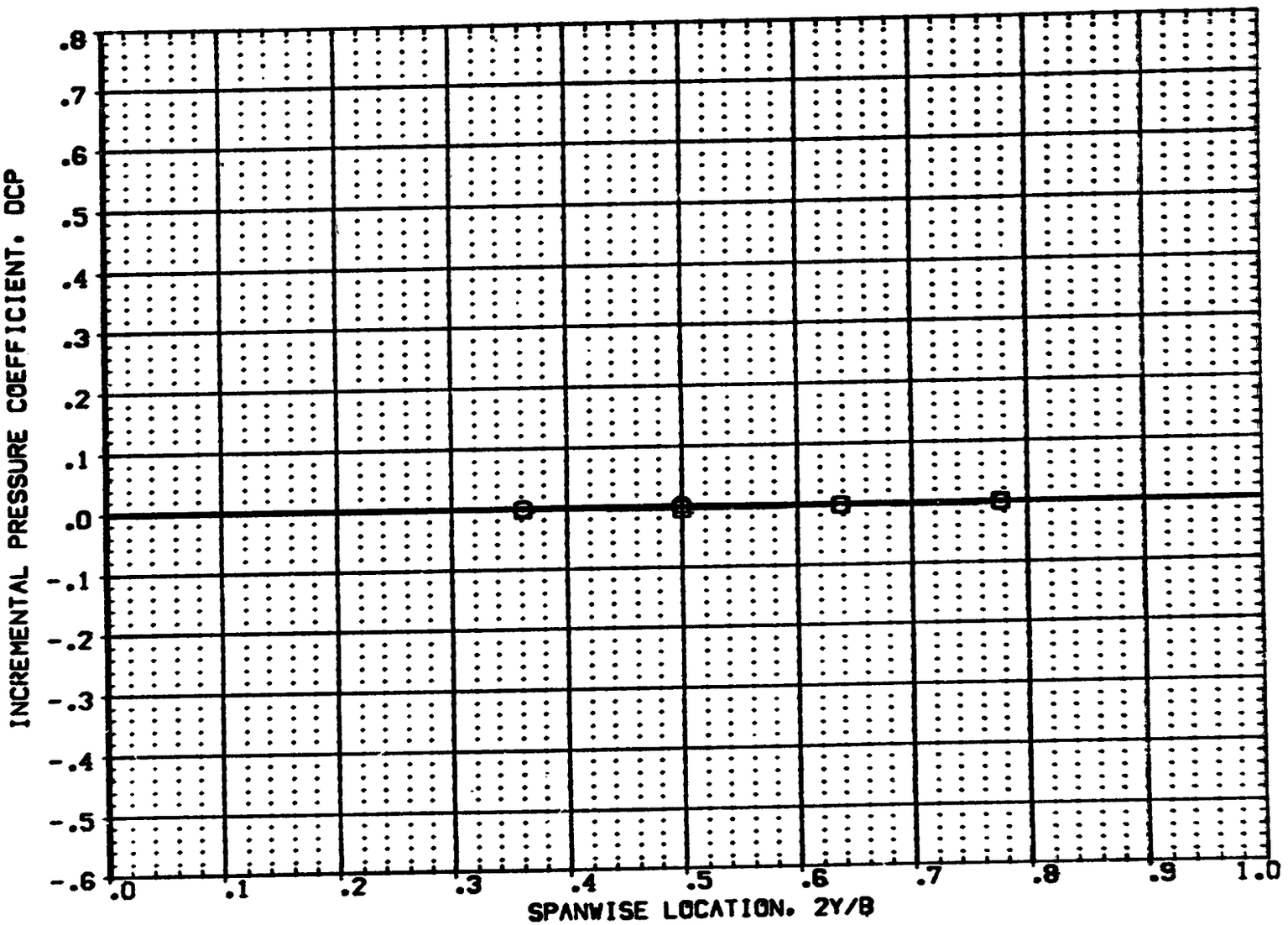

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 2.120 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U07)	□	(A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L07)	□	(A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

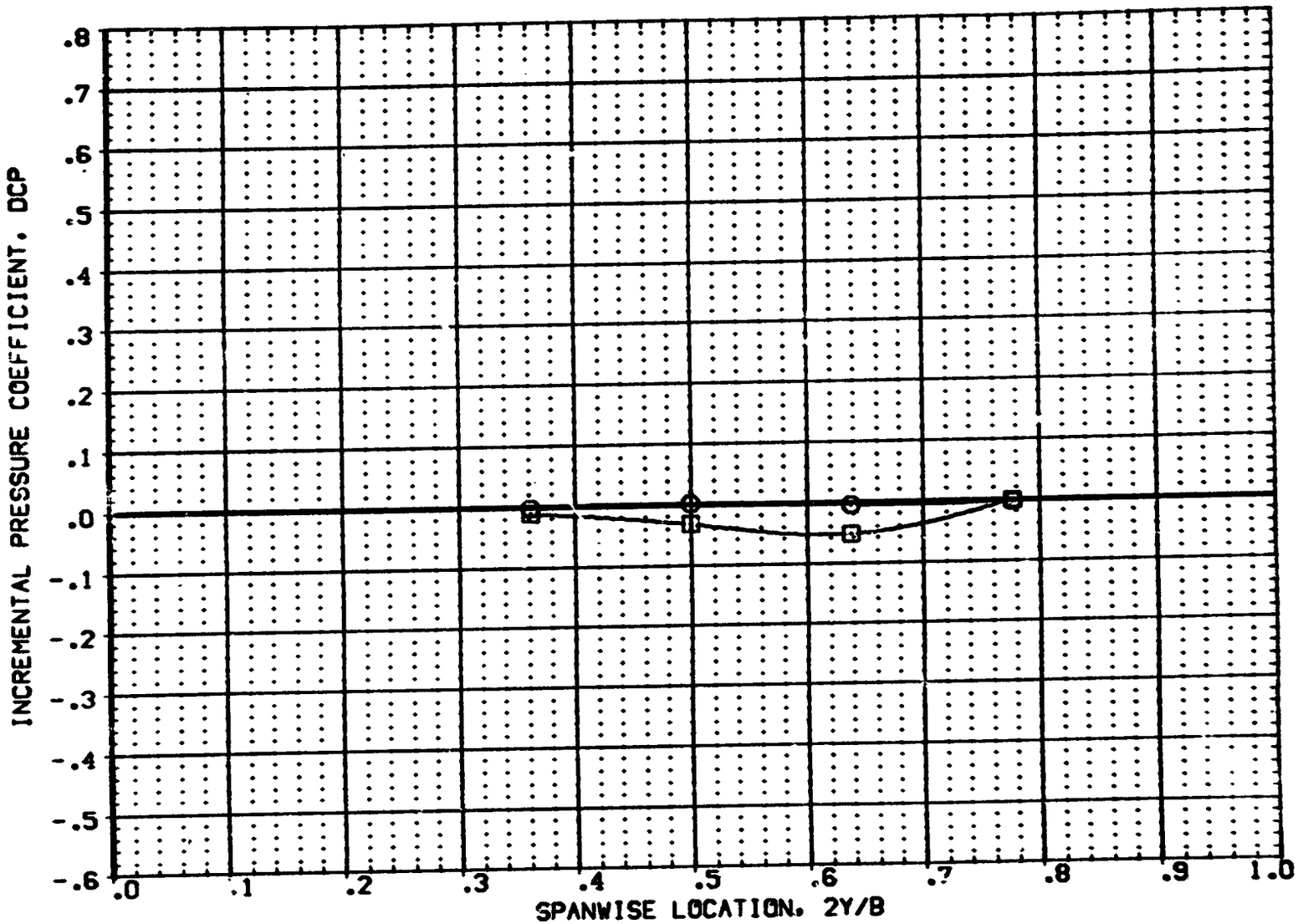

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 4.070 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L09) ○	IAGB (C1F1M3[1]M4[1]) - (C1F1) UPPER WING	.000
(AF4L09) □	IAGB (C1F1M3[1]M4[1]) - (C1F1) LOWER WING	.000

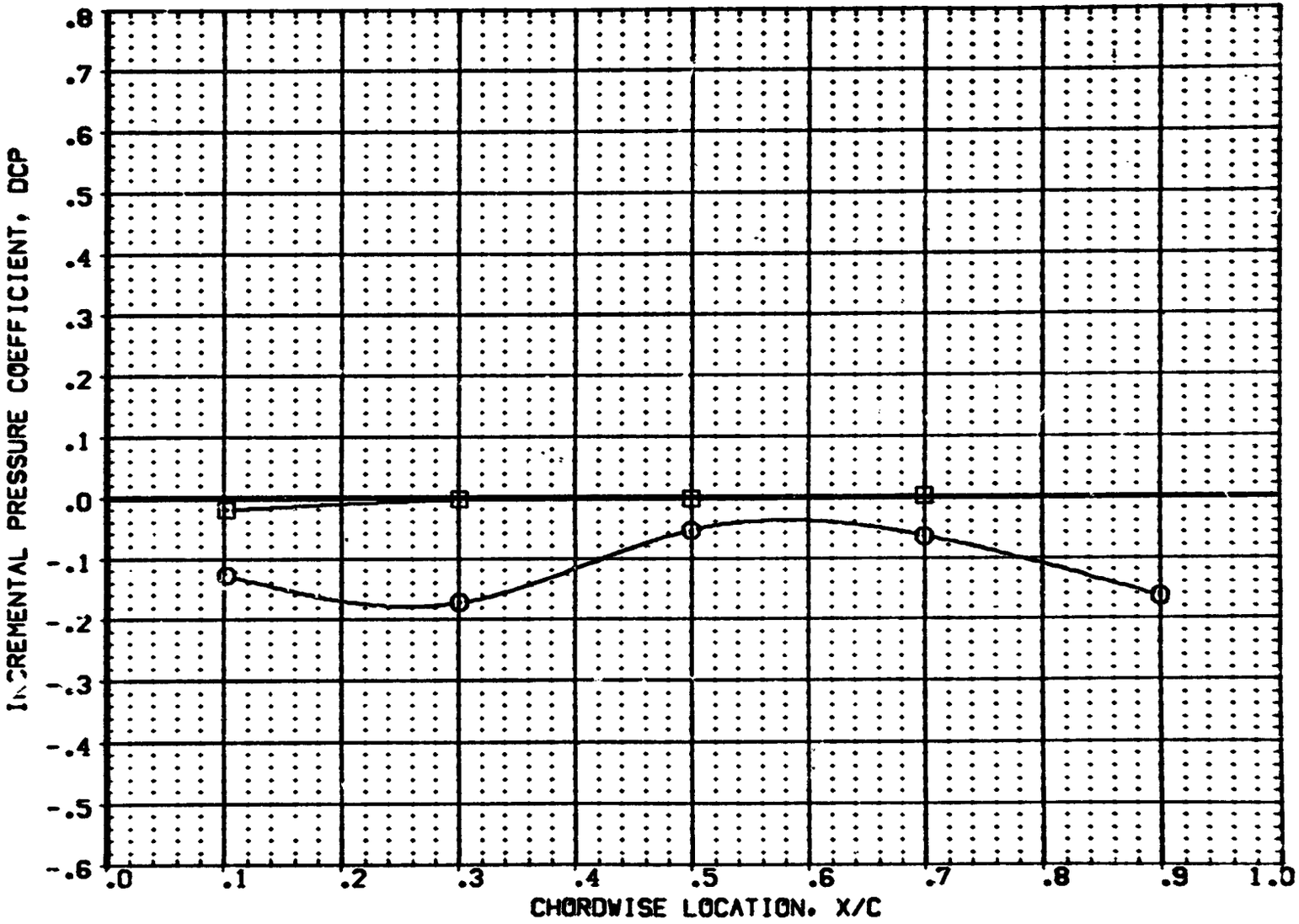

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -3.900 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4U09]	1A68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09]	1A68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

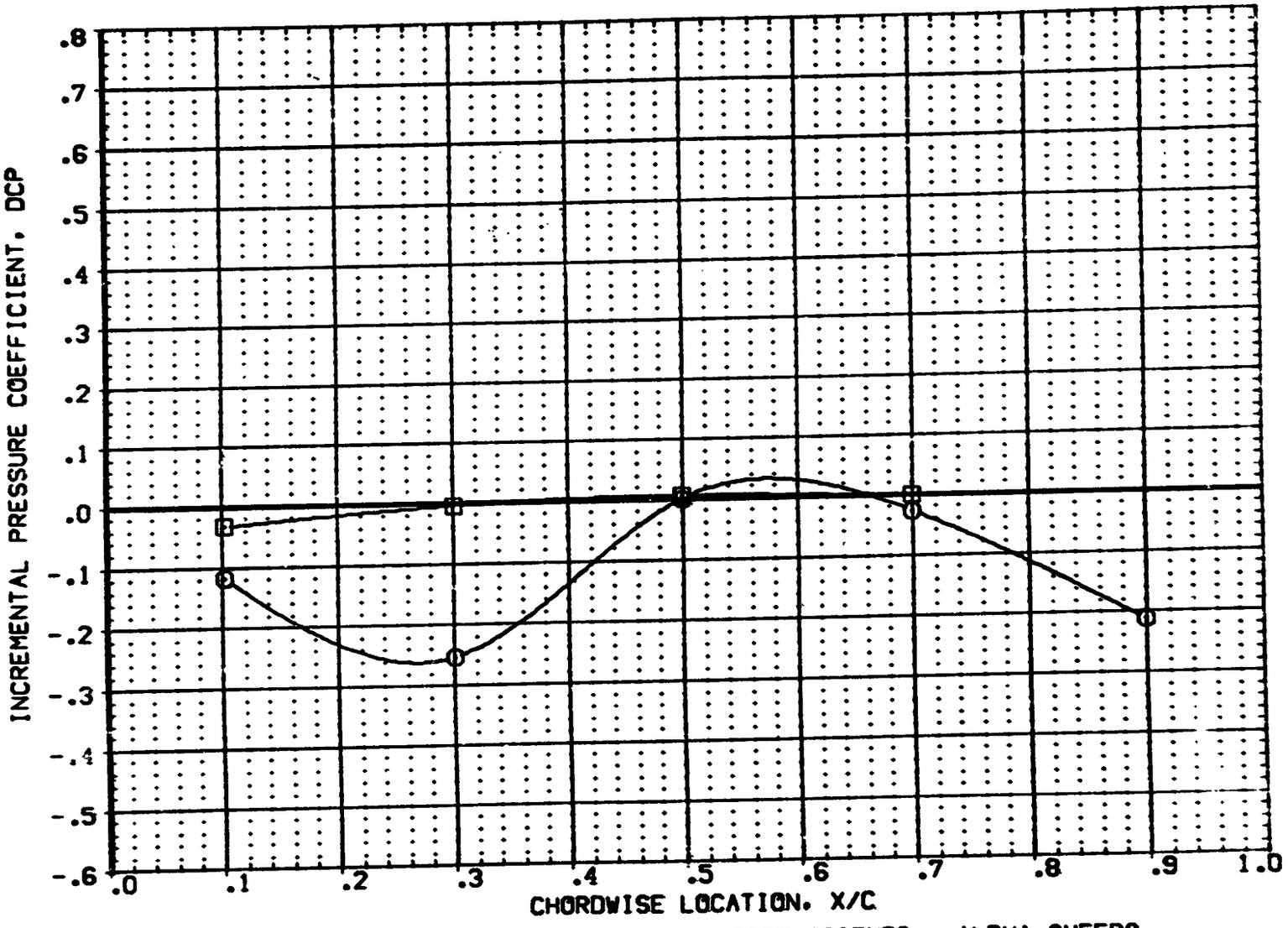

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -1.940 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L09) ○	(ABB (C1F1M3(1)M4(1)) - (C1F1) UPPER WING	.000
(AF4L09) □	(ABB (C1F1M3(1)M4(1)) - (C1F1) LOWER WING	.000

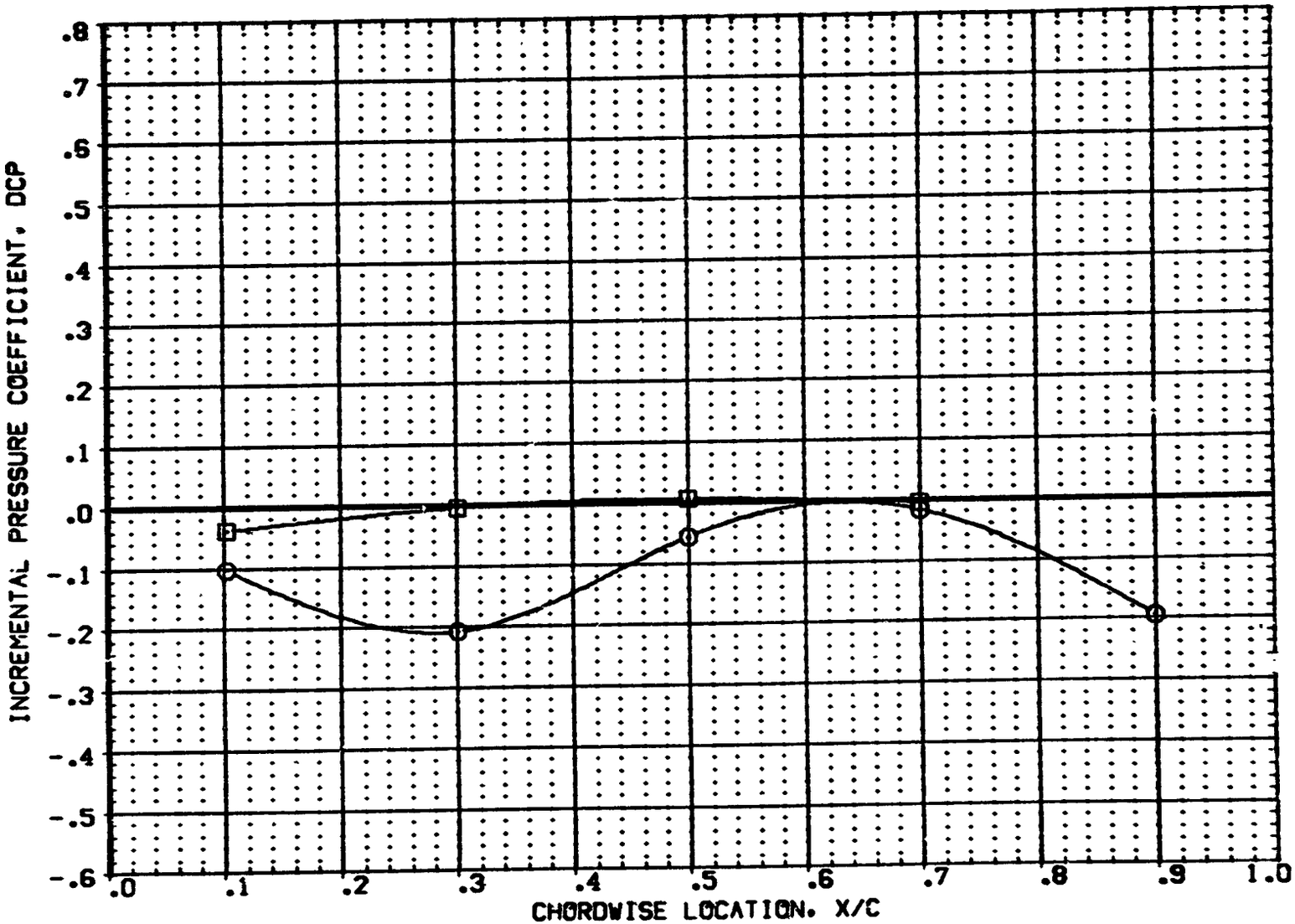

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = .000 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4L09]	○	!A68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09]	□	!A68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

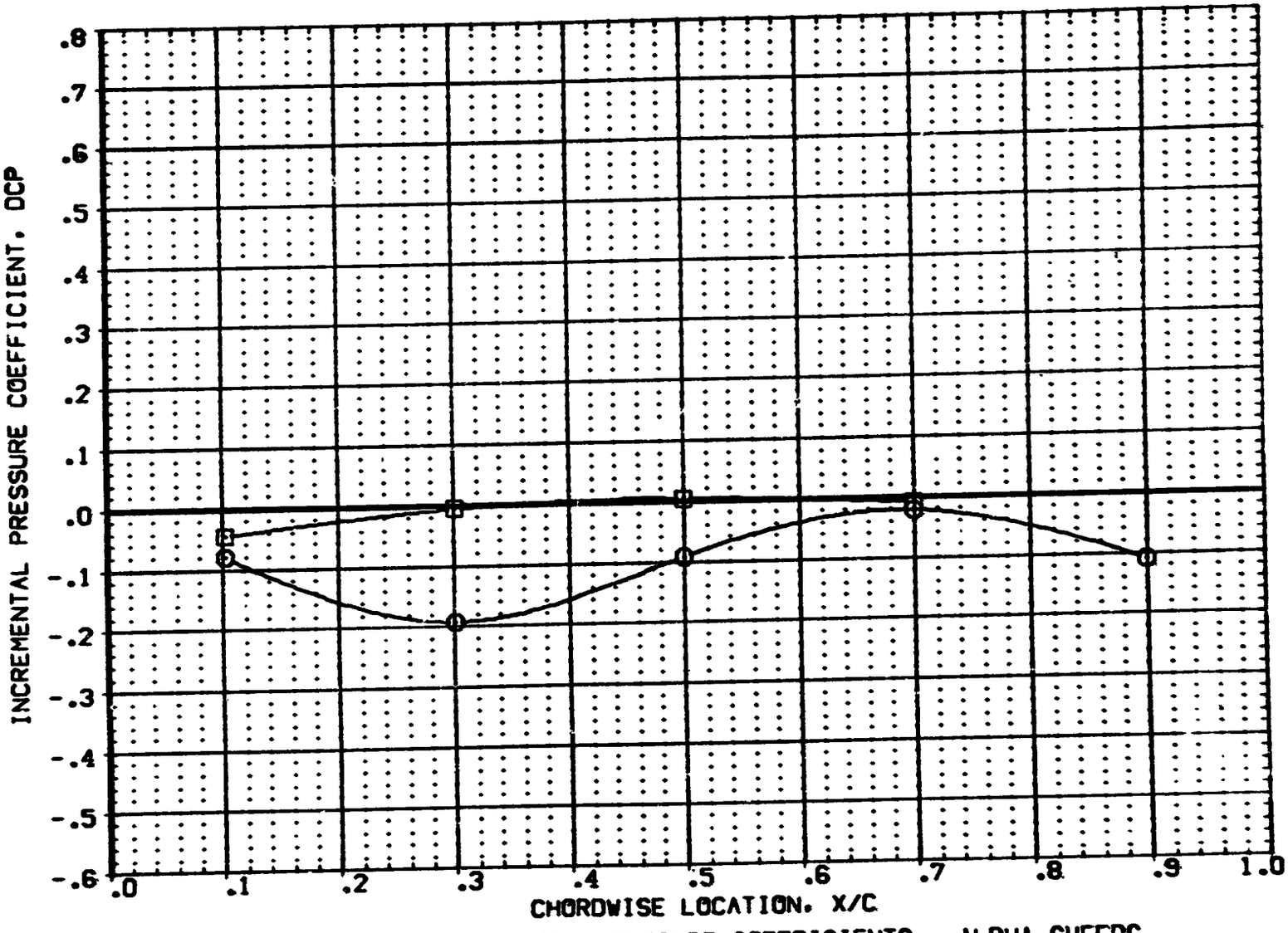

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = 1.910 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4U09]	[A6B (C1F1M3[1]M4[1]) - [C1F1] UPPER WING	.000
[AF4L09]	[A6B (C1F1M3[1]M4[1]) - [C1F1] LOWER WING	.000

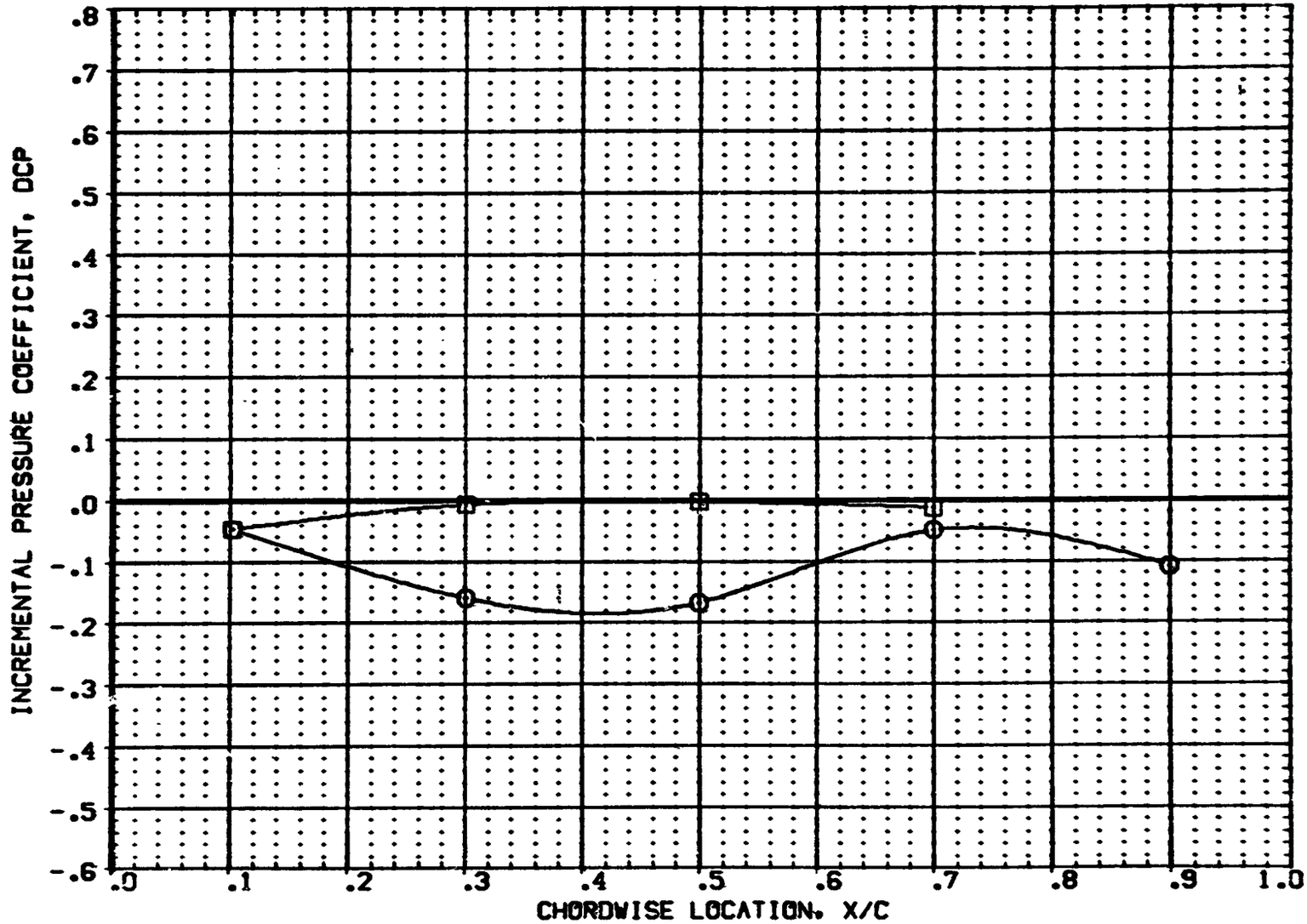

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = 3.840 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4U09]	○	!A68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09]	□	!A68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

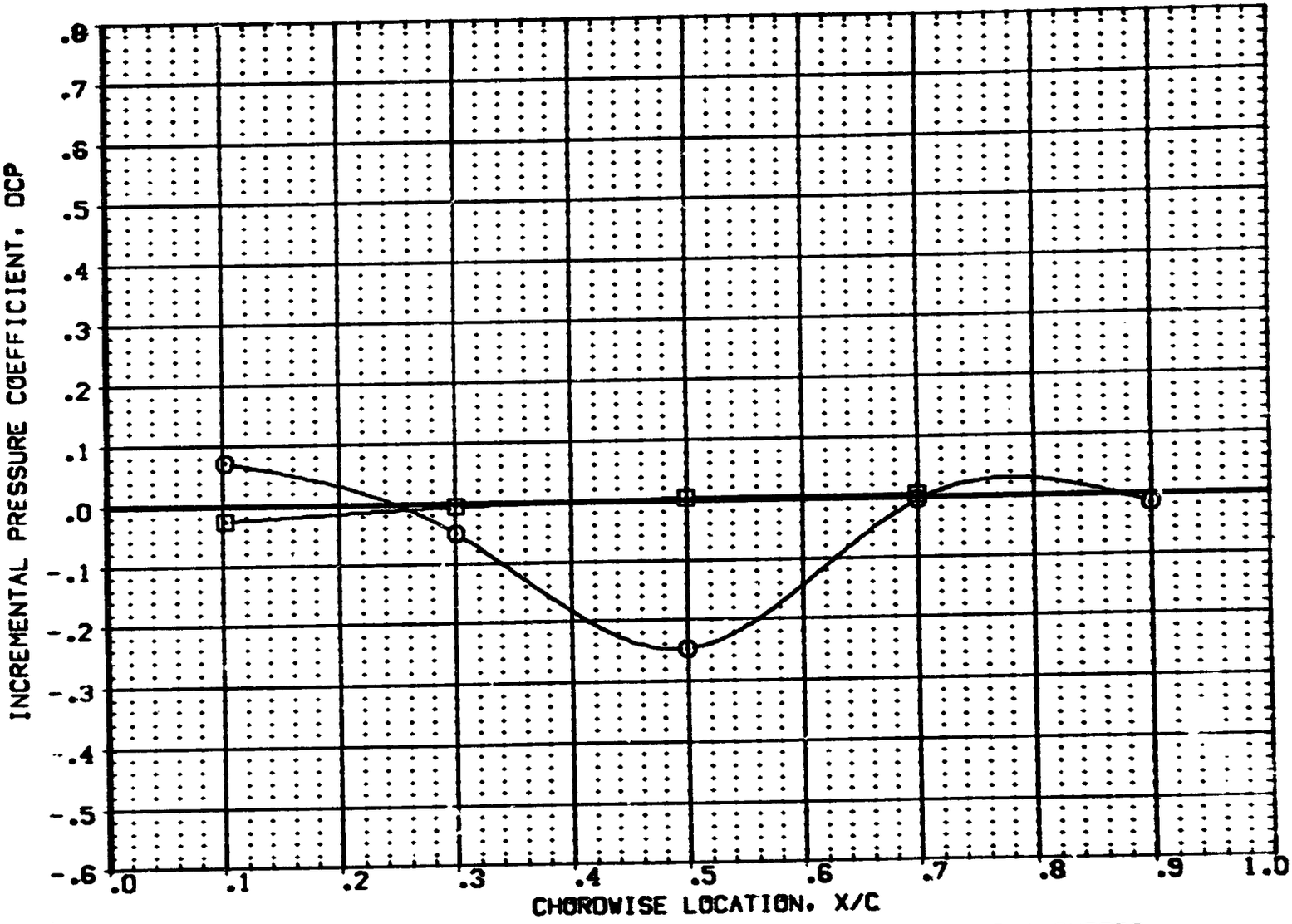

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.209 ALPHA = -3.940 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4U09]	○	[A6B [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09]	□	[A6B [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

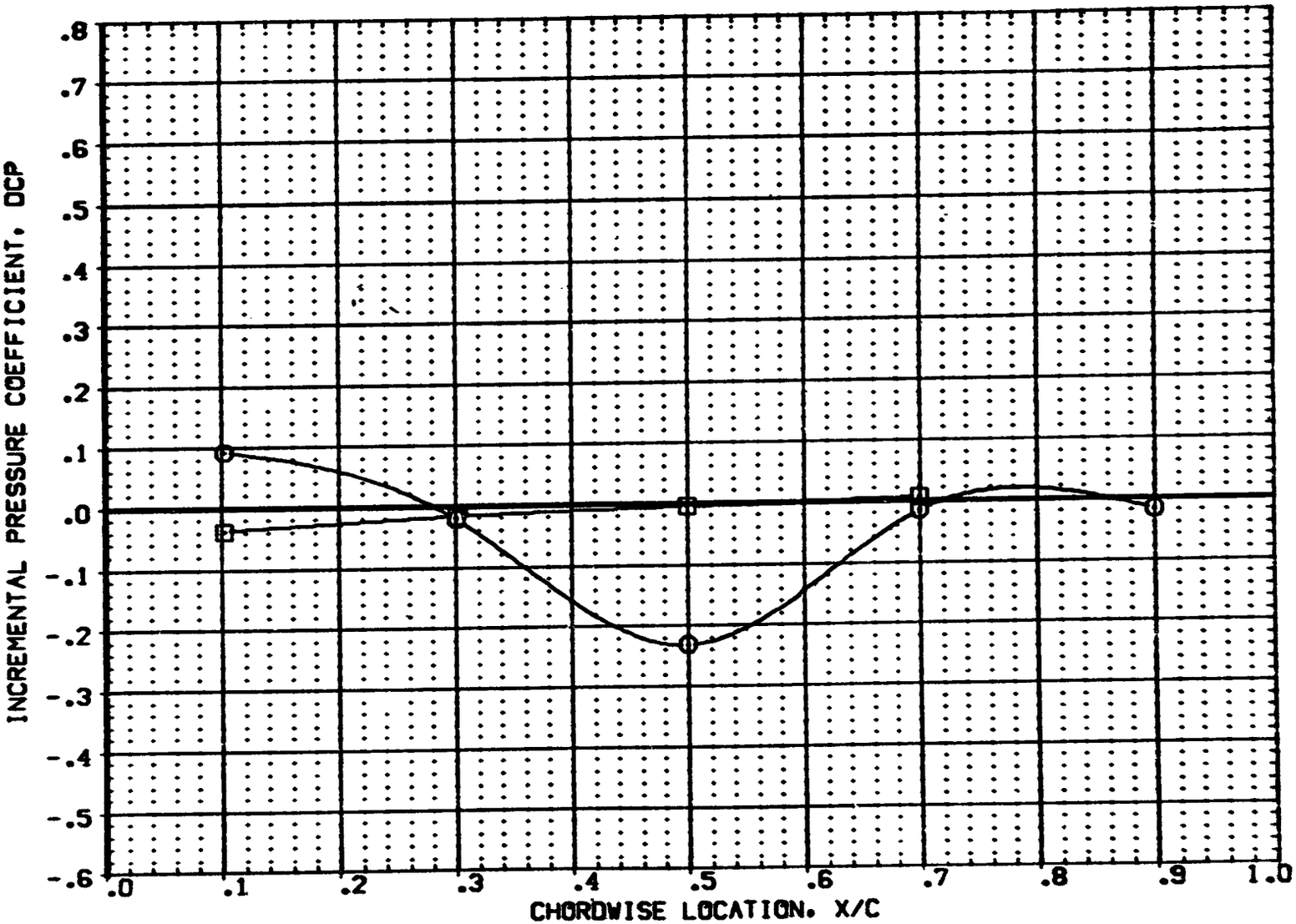

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.209 ALPHA = -1.960 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4L09]	○	[A6B [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09]	□	[A6B [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

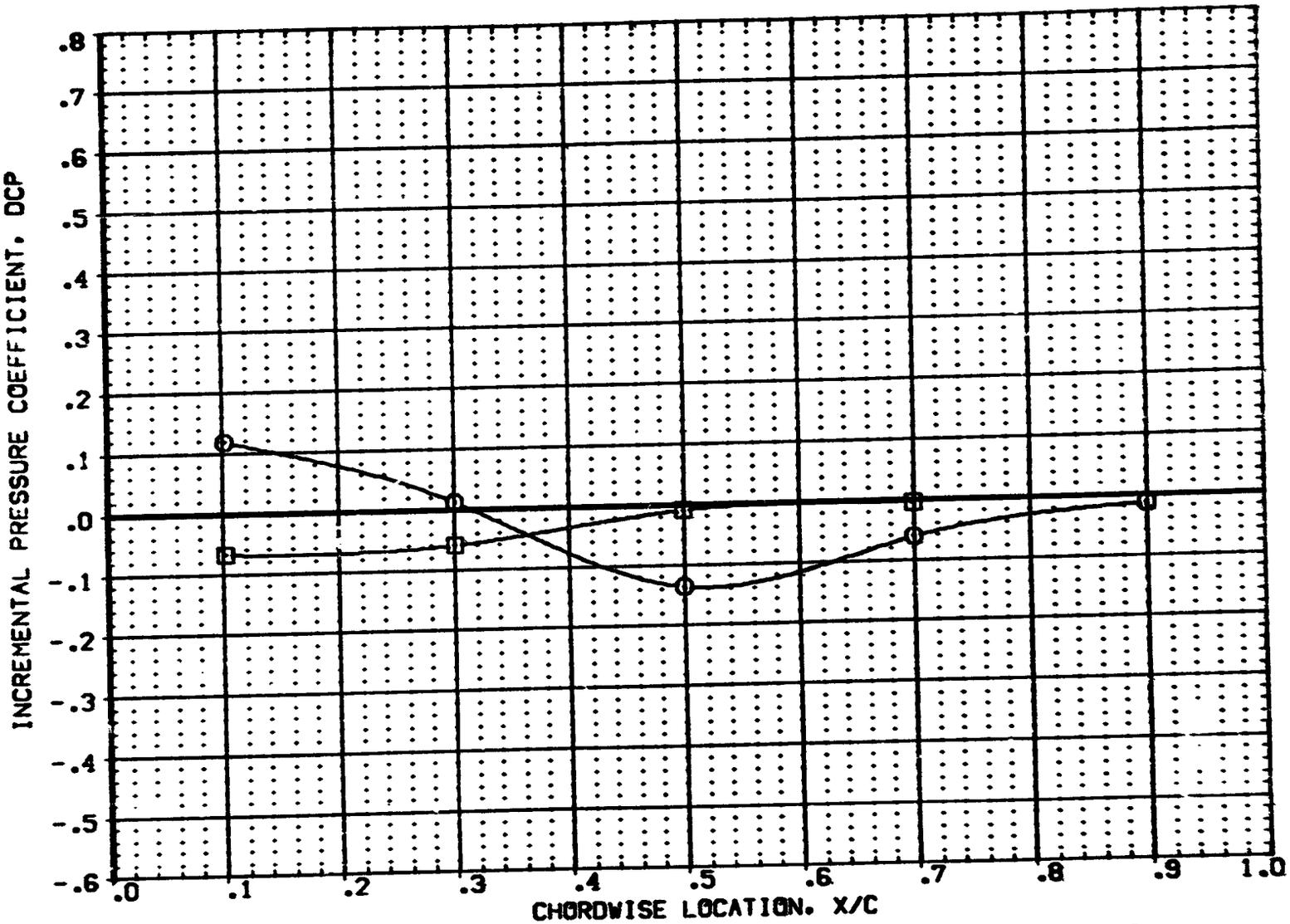

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.209 ALPHA = -.030 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L09)	○	1AGB (C1F1M3[1]M4[1]) - (C1F1) UPPER WING	.000
(AF4L09)	□	1AGB (C1F1M3[1]M4[1]) - (C1F1) LOWER WING	.000

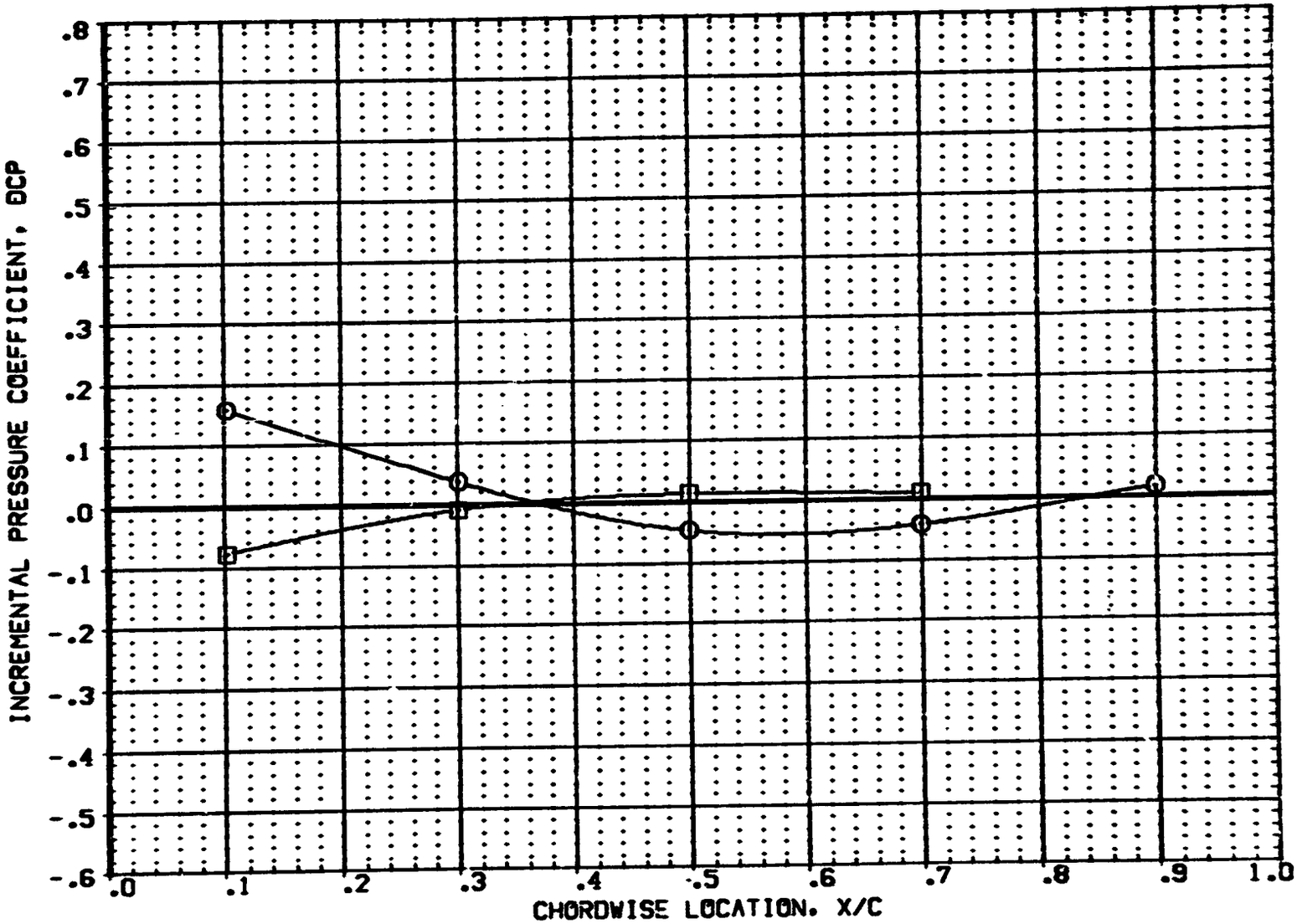

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.209 ALPHA = 3.880 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L09) □	!ASB (C1F1M3[1]M4[1]) - (C1F1) UPPER WING	.000
(AF4L09) □	!ASB (C1F1M3[1]M4[1]) - (C1F1) LOWER WING	.000

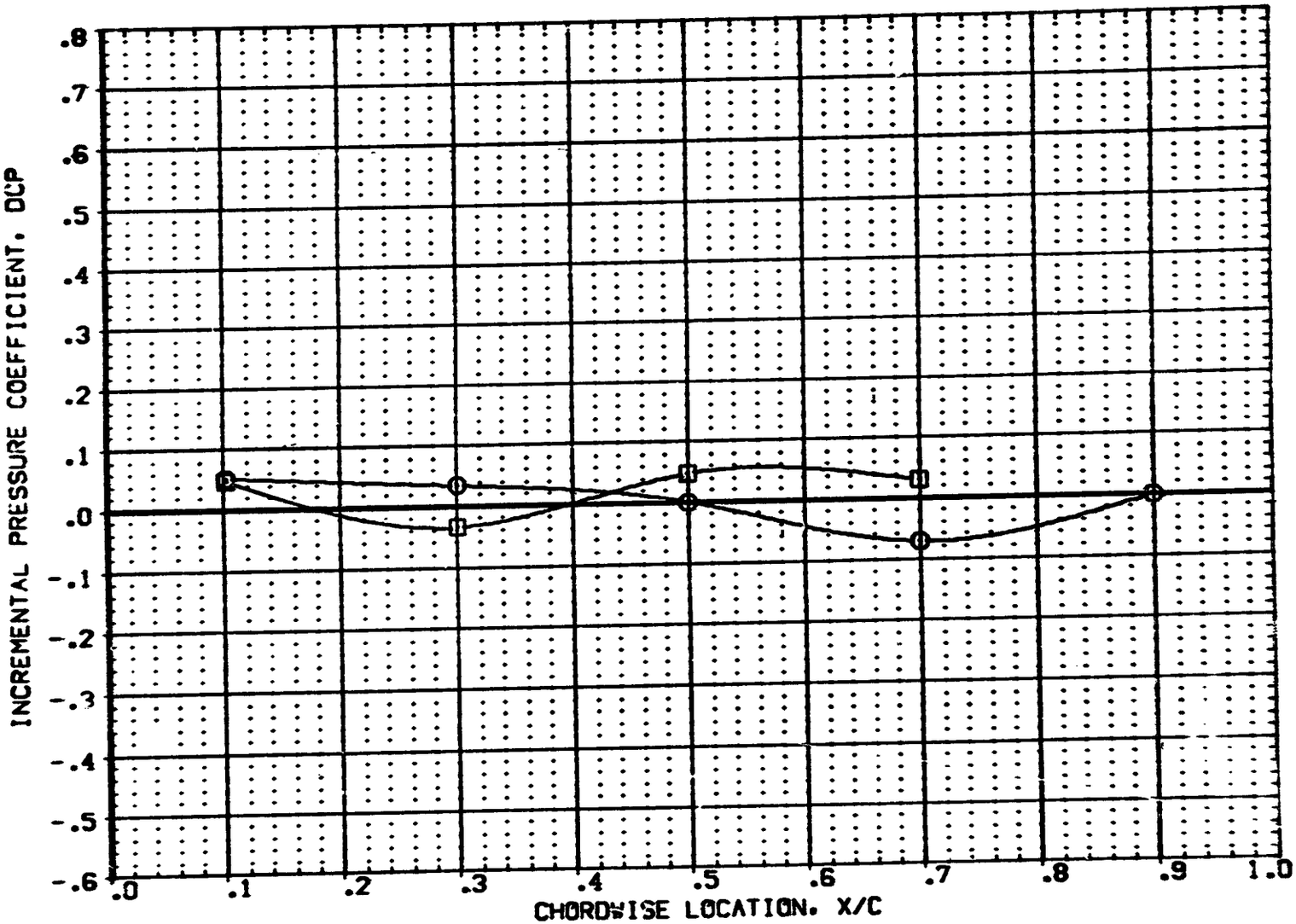

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -3.890 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4L09] ○	[AGB [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09] □	[AGB [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

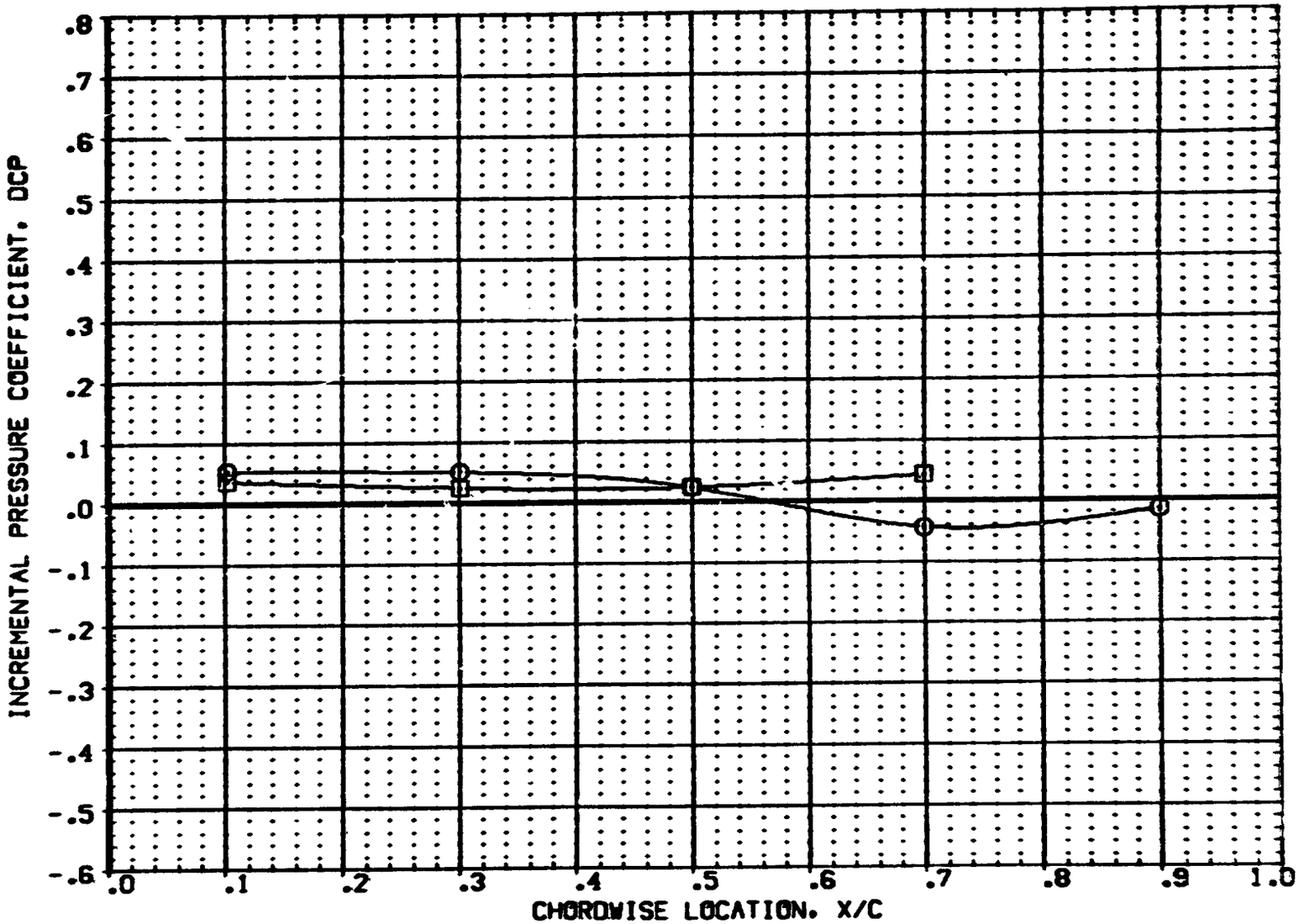

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -1.820 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4U09] ○	[A6B [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09] □	[A6B [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

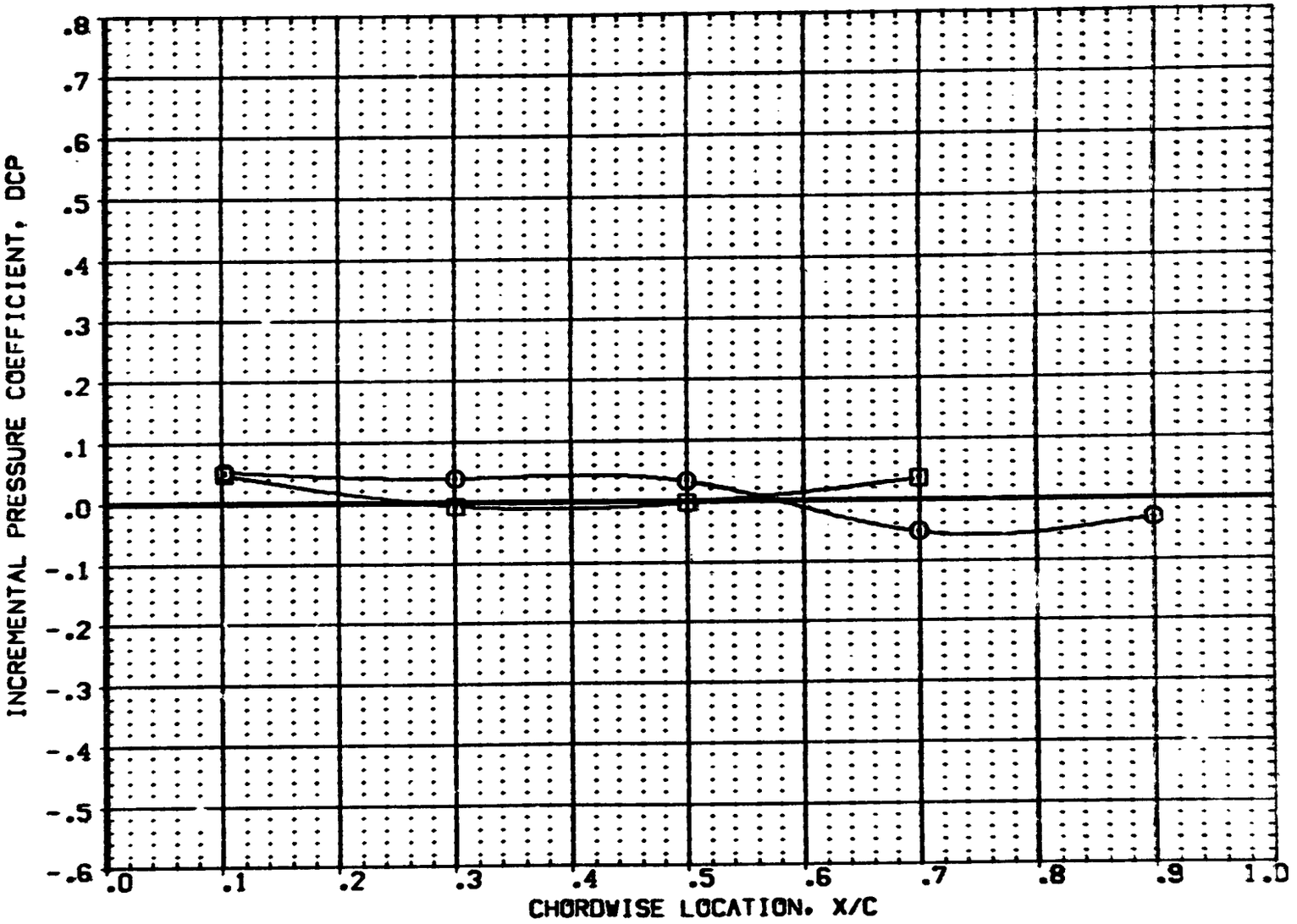

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = .120 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4L09]	○	1A6B [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09]	□	1A6B [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

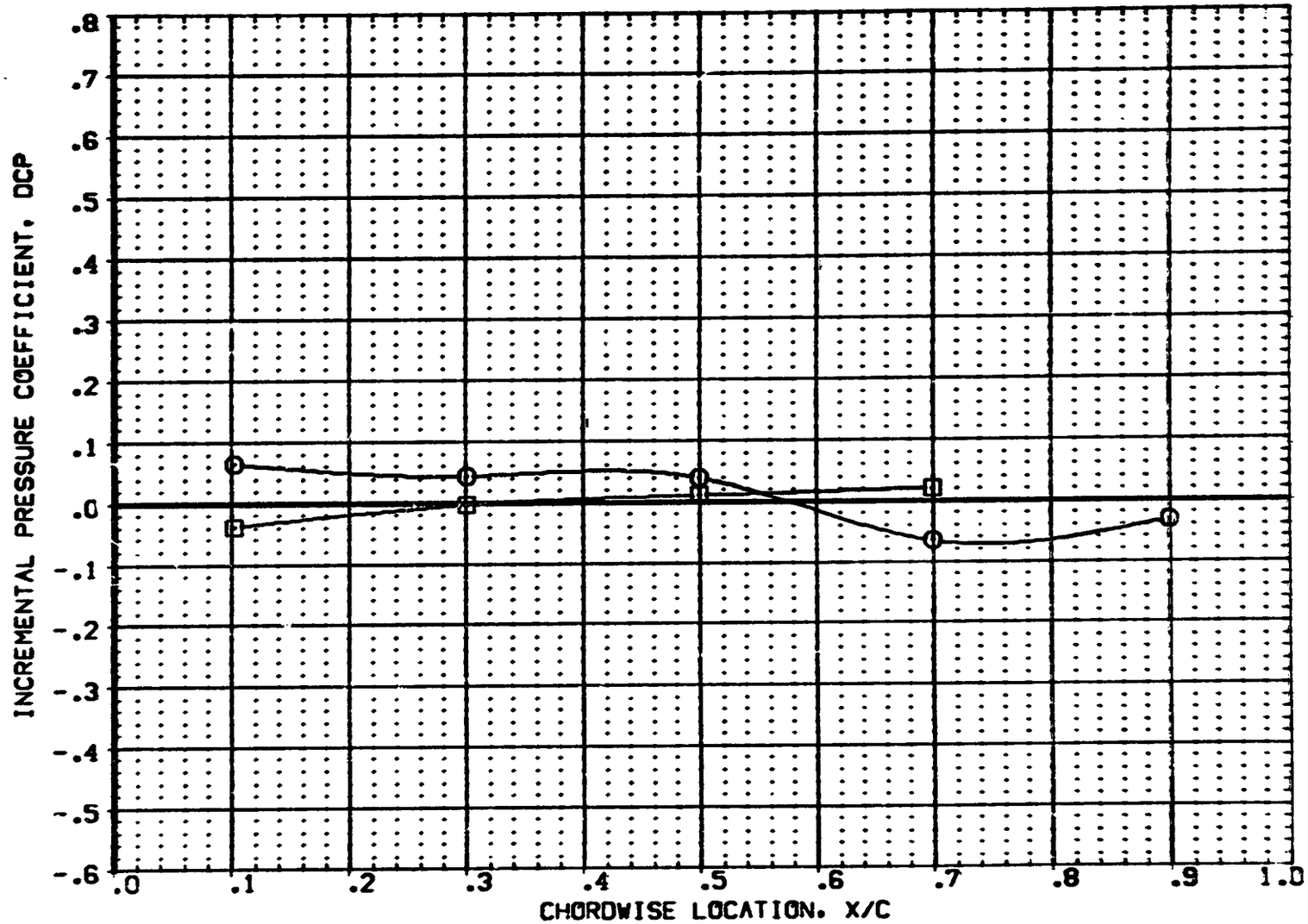

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 2.120 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L09)	○	IA68 (C1F1M3[1]M4[1]) - (C1F1) UPPER WING	.000
(AF4L09)	□	IA68 (C1F1M3[1]M4[1]) - (C1F1) LOWER WING	.000

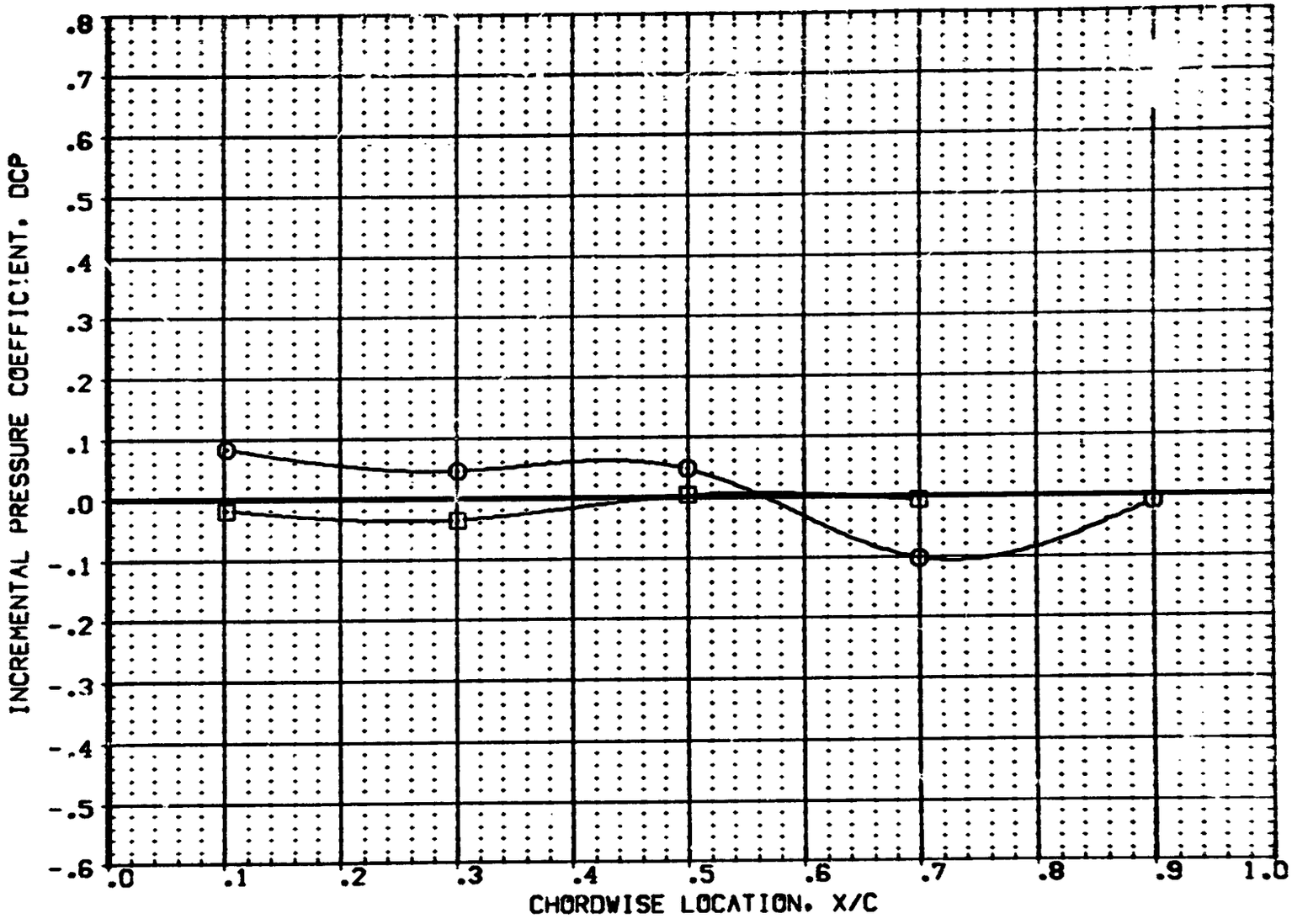

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 4.030 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4L09]	□	IAGB [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09]	□	IAGB [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

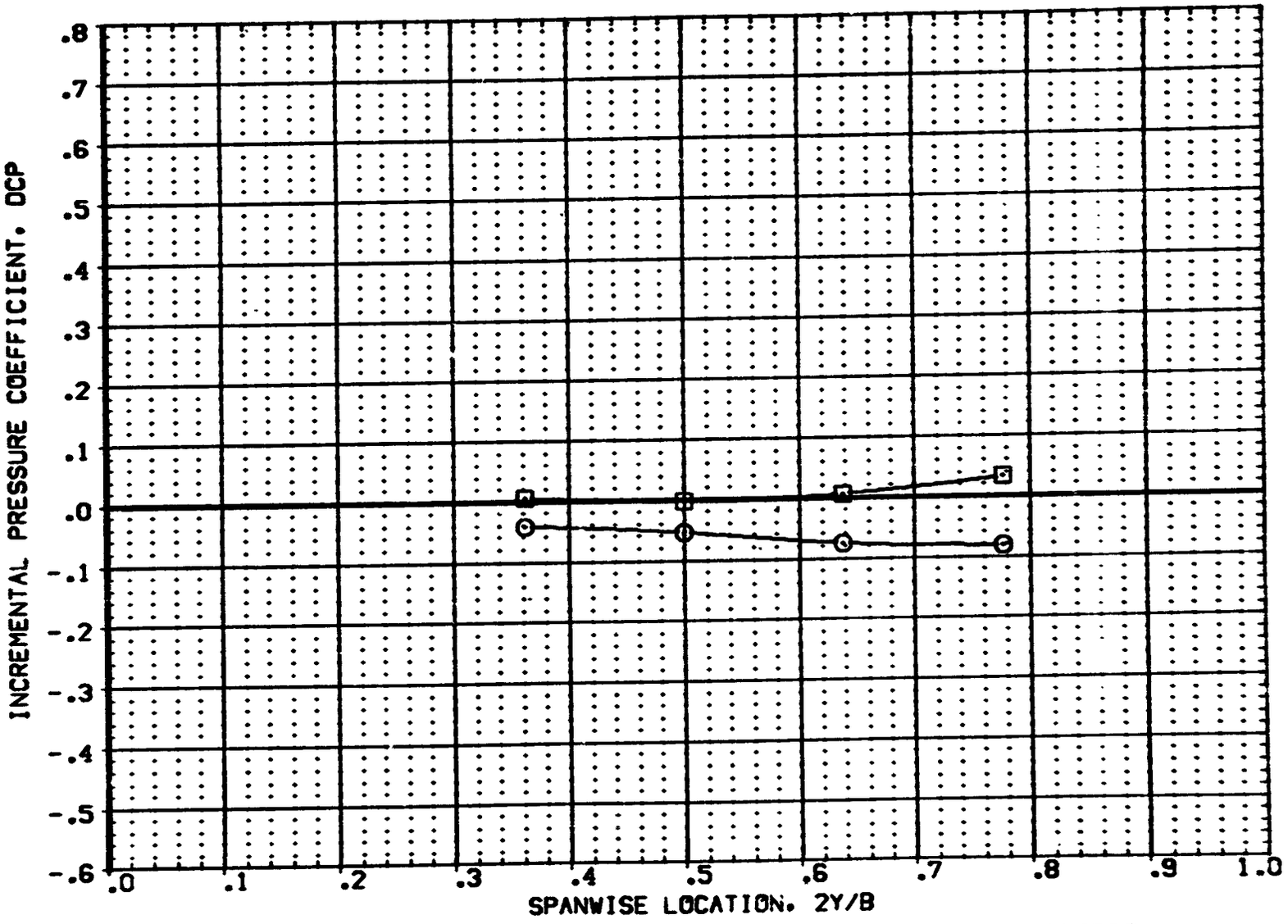

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -3.900 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L09)	□	IA6B (C1F1M3(1)M4(1)) - (C1F1) UPPER WING	.000
(AF4L09)	□	IA6B (C1F1M3(1)M4(1)) - (C1F1) LOWER WING	.000

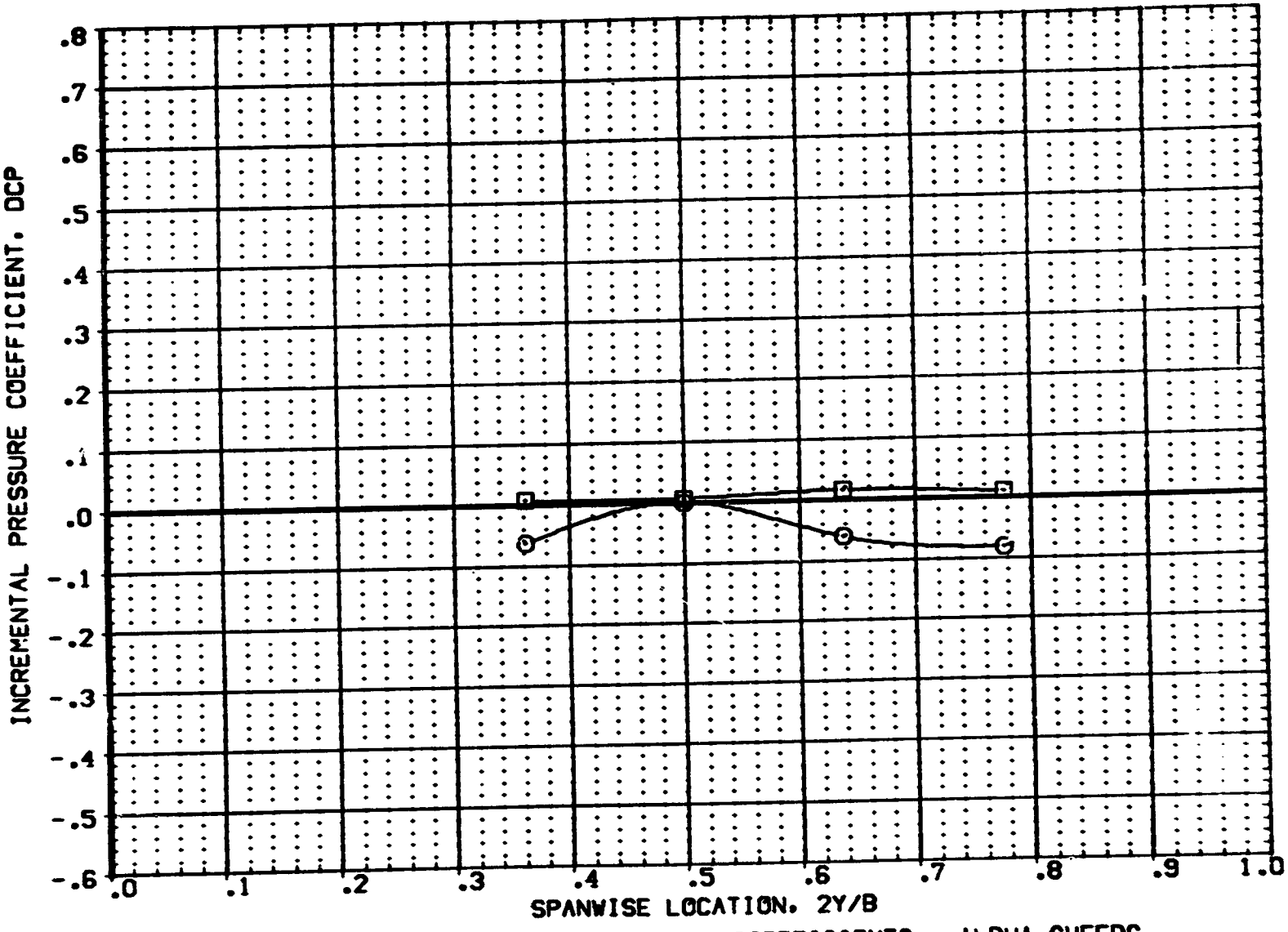

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = -1.940 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4L09]	[A&B [C1F1M3[1]M4[1]) - [C1F1] UPPER WING	.000
[AF4L09]	[A&B [C1F1M3[1]M4[1]) - [C1F1] LOWER WING	.000

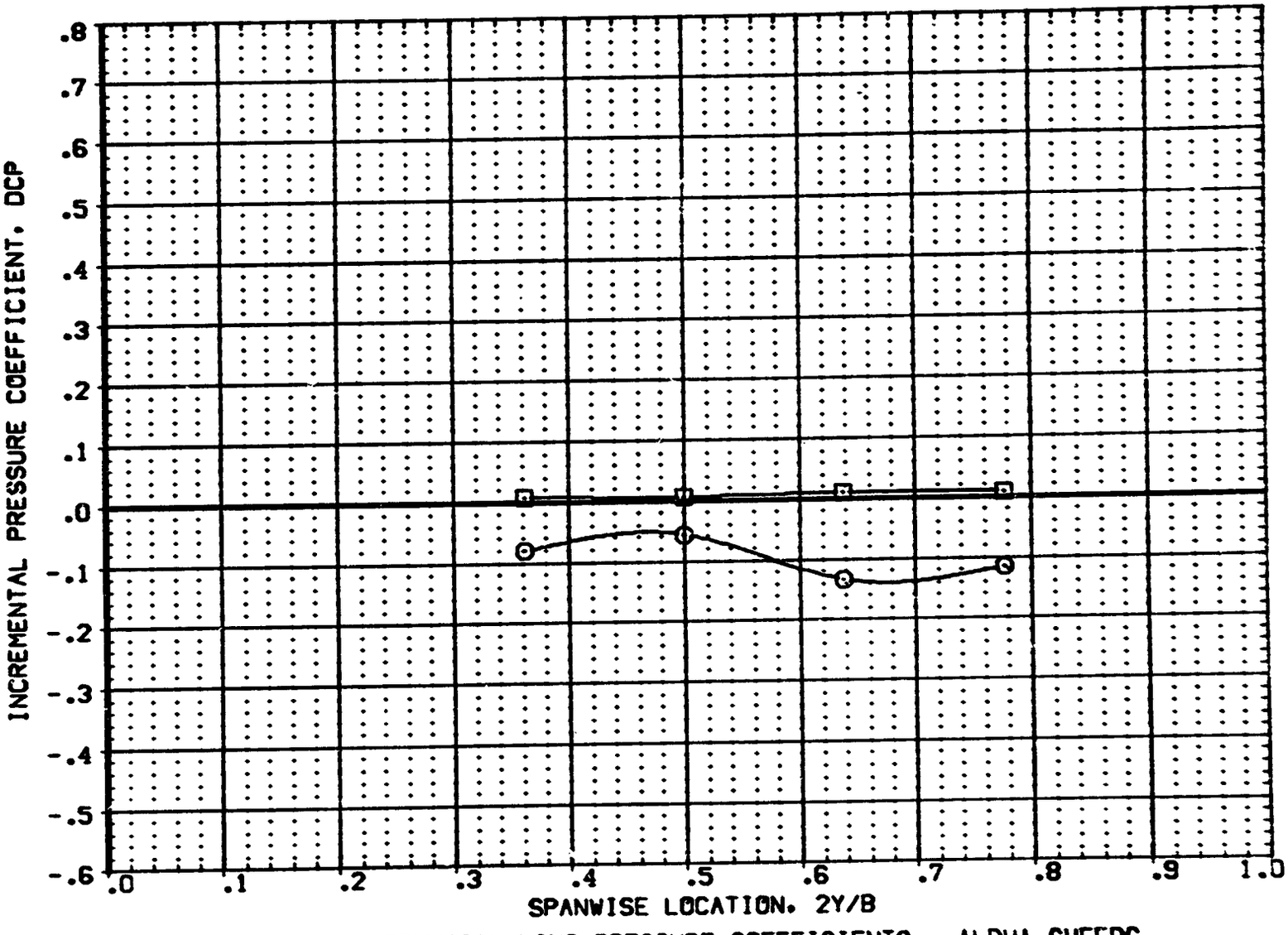

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = .000 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U09)	IA68 (C1F1M3[1]M4[1]) - (C1F1) UPPER WING	.000
(AF4L09)	IA68 (C1F1M3[1]M4[1]) - (C1F1) LOWER WING	.000

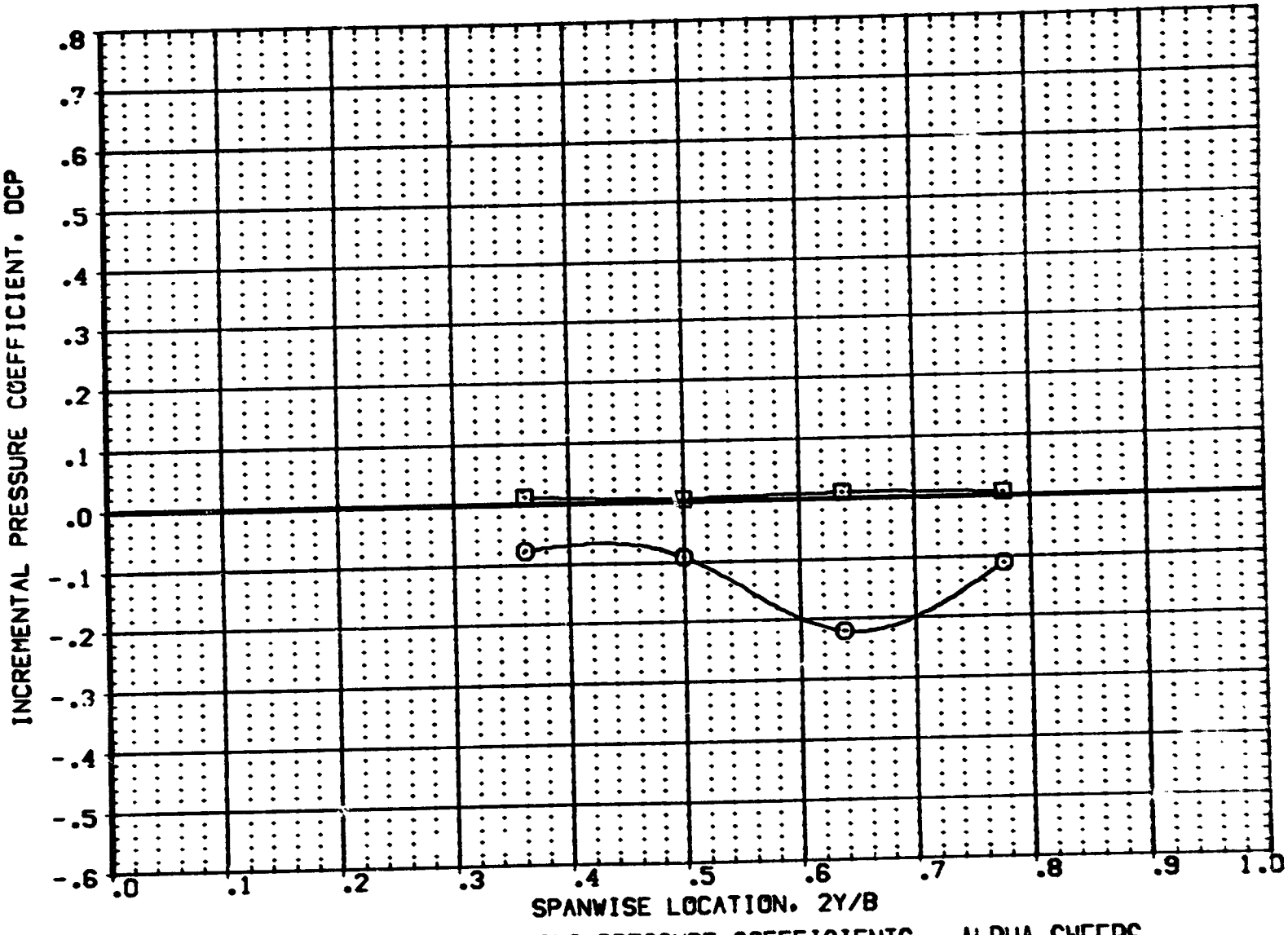

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = 1.910 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4U09]	○	IASB [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09]	□	IASB [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

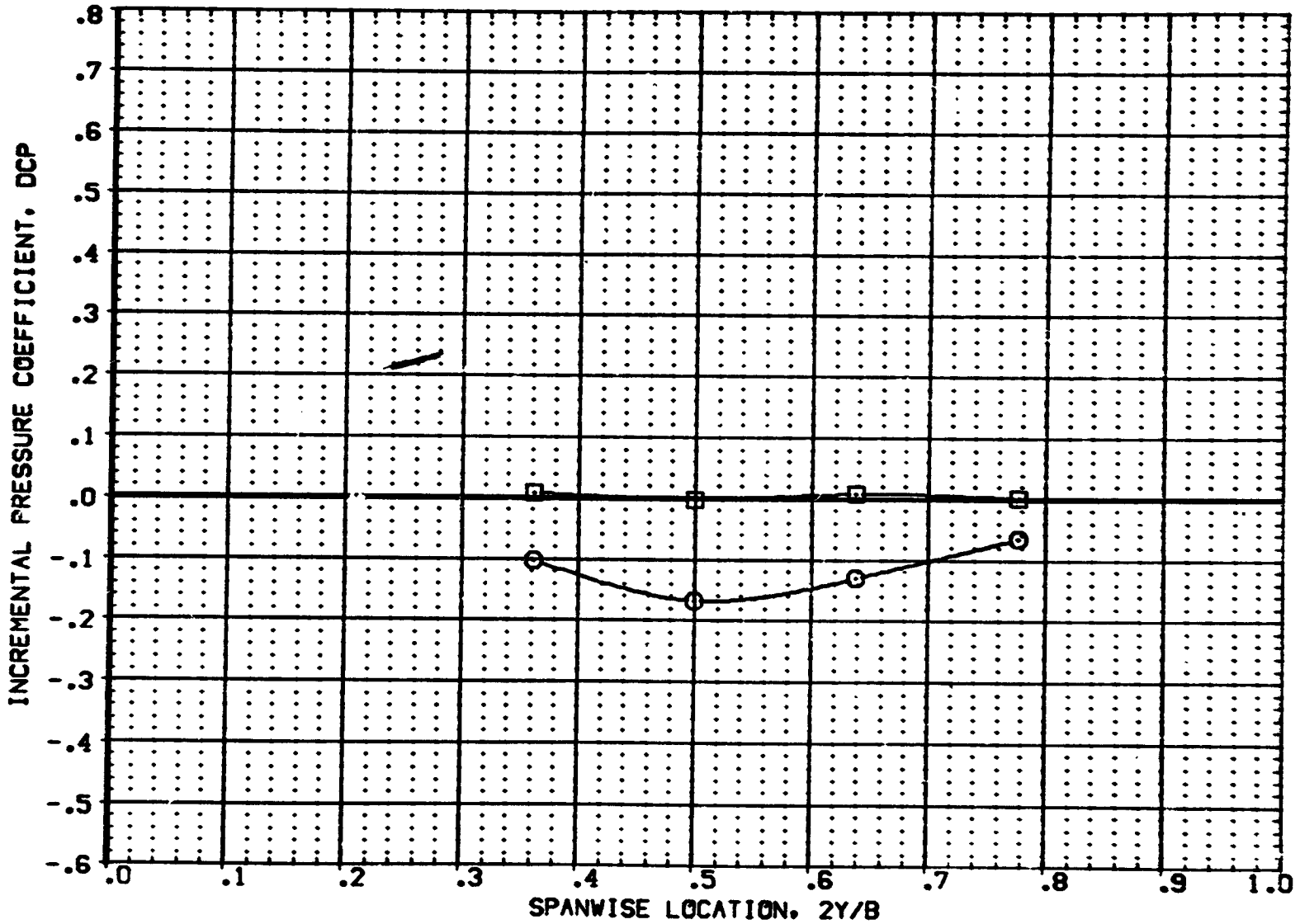

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = .896 ALPHA = 3.840 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L09)	□	1A6B (C1F1M3(1)M4(1)) - (C1F1) UPPER WING	.000
(AF4L09)	□	1A6B (C1F1M3(1)M4(1)) - (C1F1) LOWER WING	.000

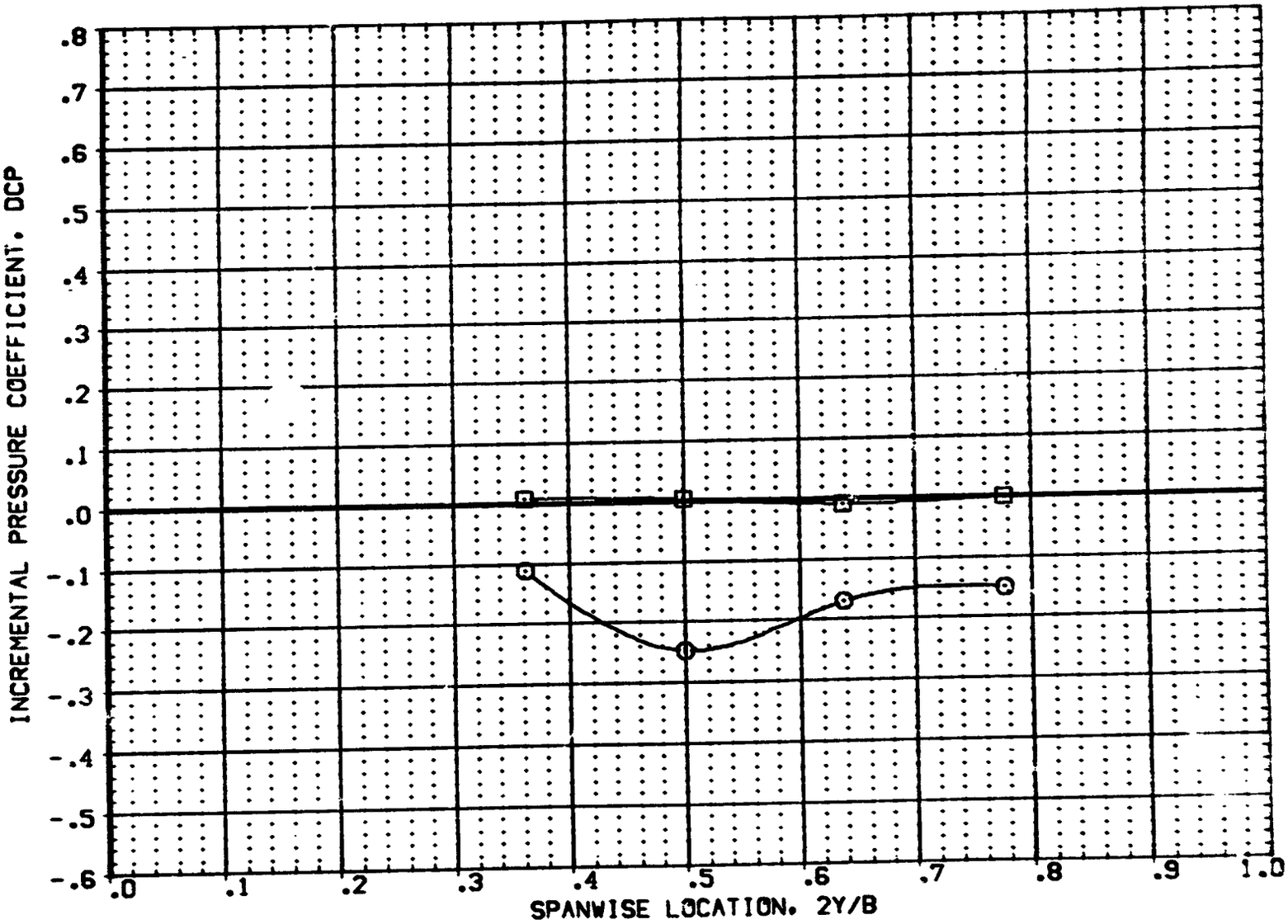

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.209 ALPHA = -3.940 X/C = .500

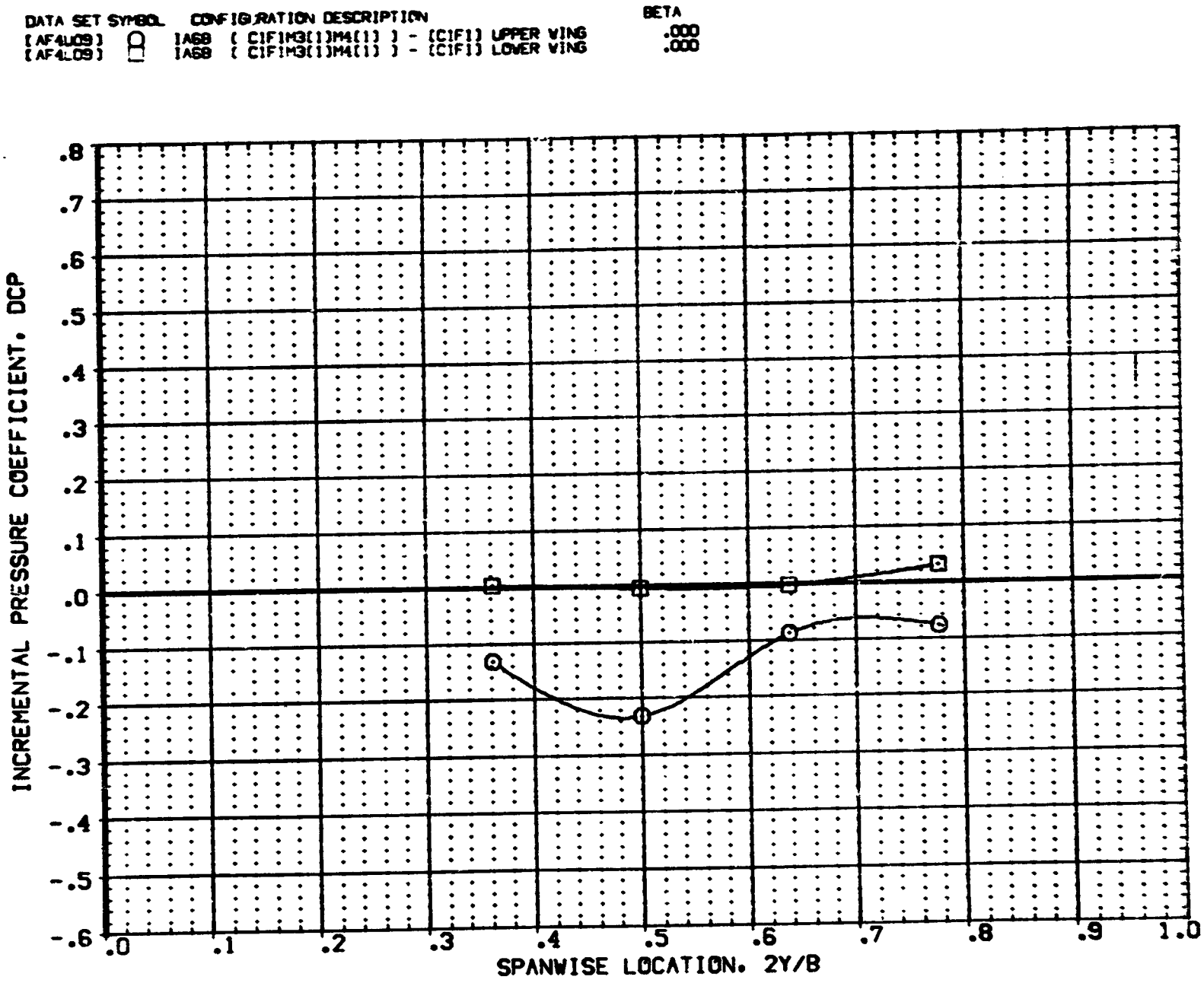

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.209 ALPHA = -1.960 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4U09]	○	[AGB { C1F1M3[1]M4[1] } - [C1F1] UPPER WING	.000
[AF4L09]	□	[AGB { C1F1M3[1]M4[1] } - [C1F1] LOWER WING	.000

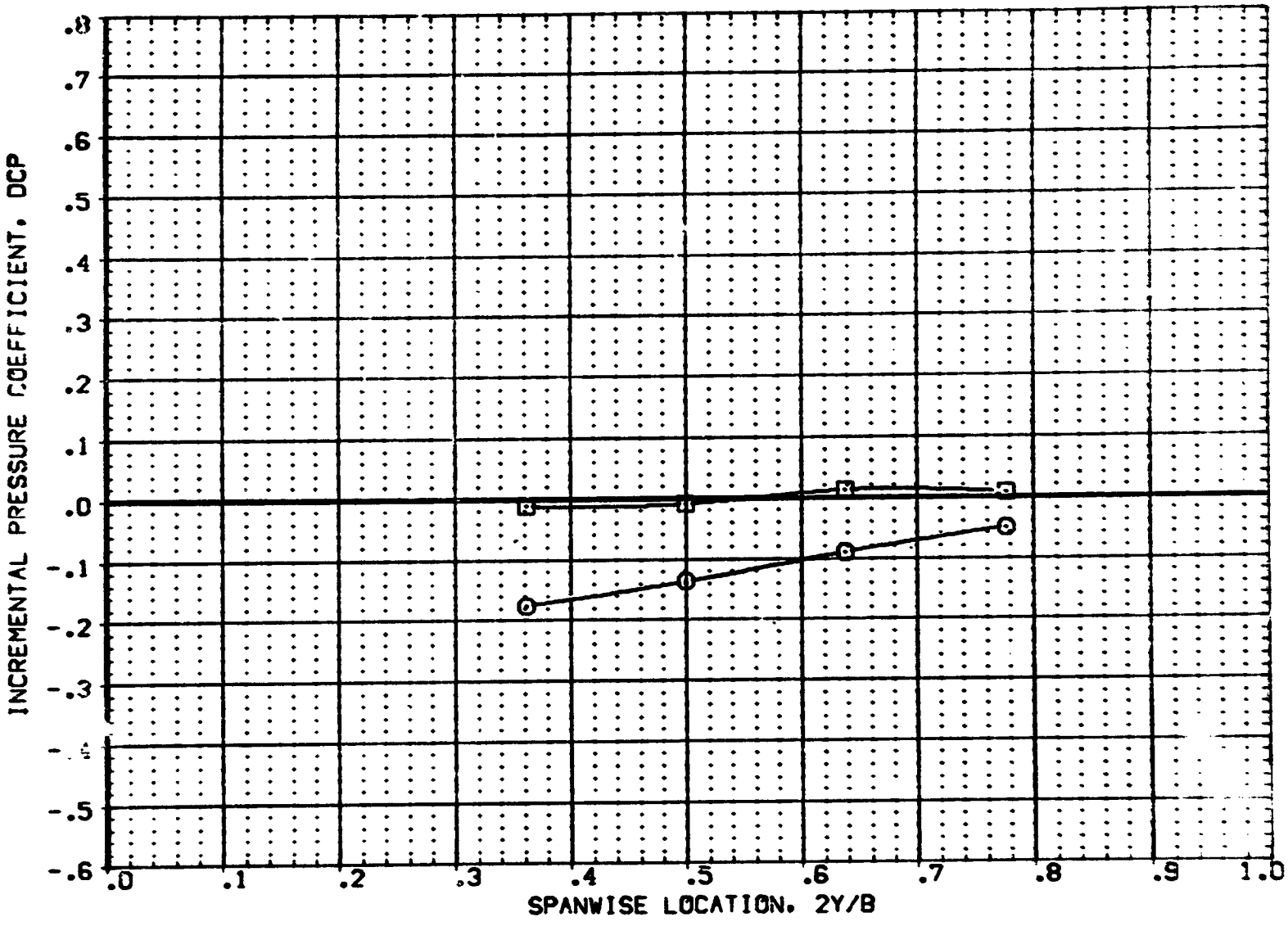

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.209 ALPHA = -1.030 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L09)	○	IA68 (C1F1M3(1)M4(1)) - (C1F1) UPPER WING	.000
(AF4L09)	□	IA68 (C1F1M3(1)M4(1)) - (C1F1) LOWER WING	.000

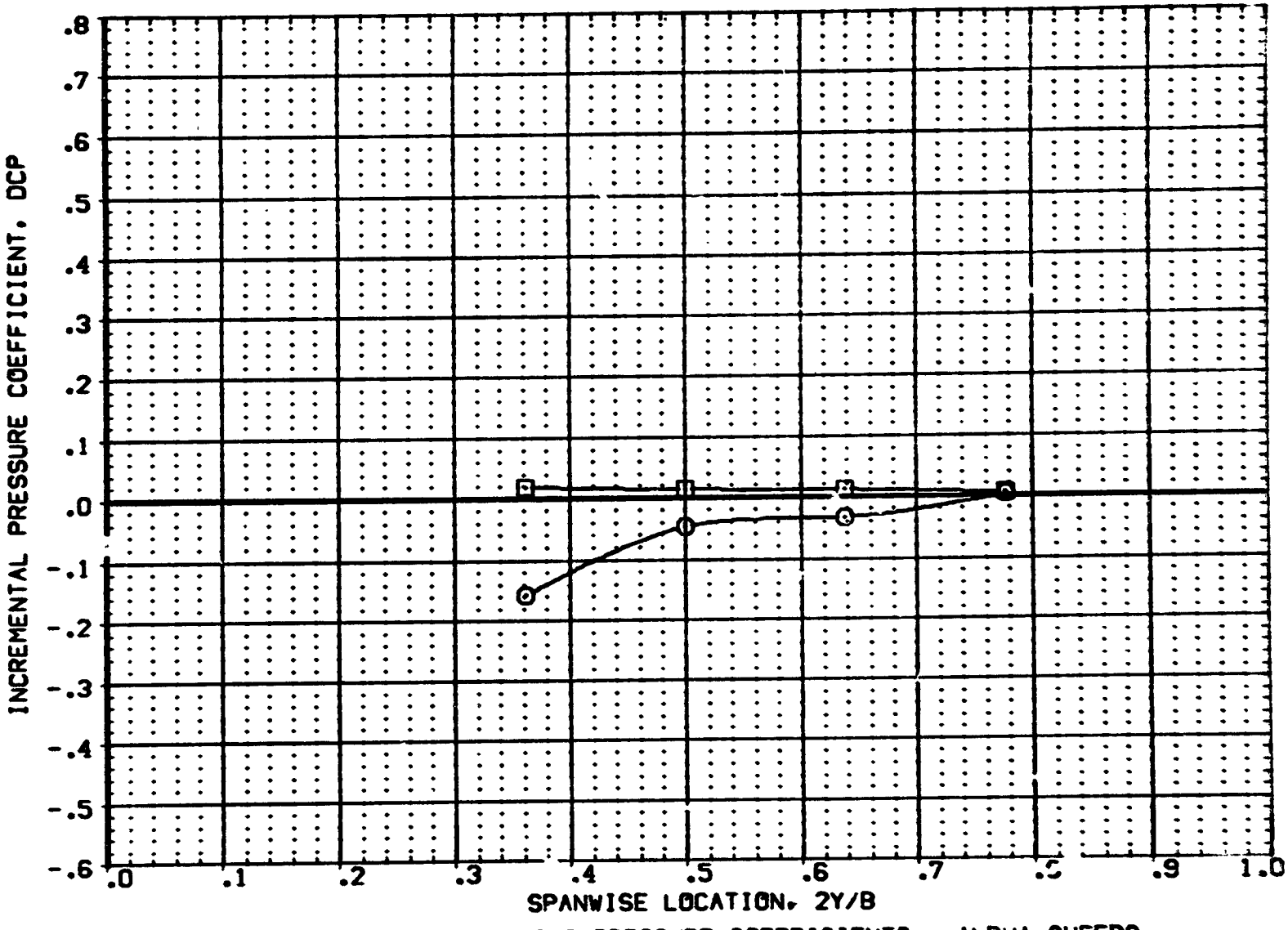

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.209 ALPHA = 3.880 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L09)	○	(A68 (C1F1M3(1)M4(1)) - (C1F1) UPPER WING	.000
(AF4L09)	□	(A68 (C1F1M3(1)M4(1)) - (C1F1) LOWER WING	.000

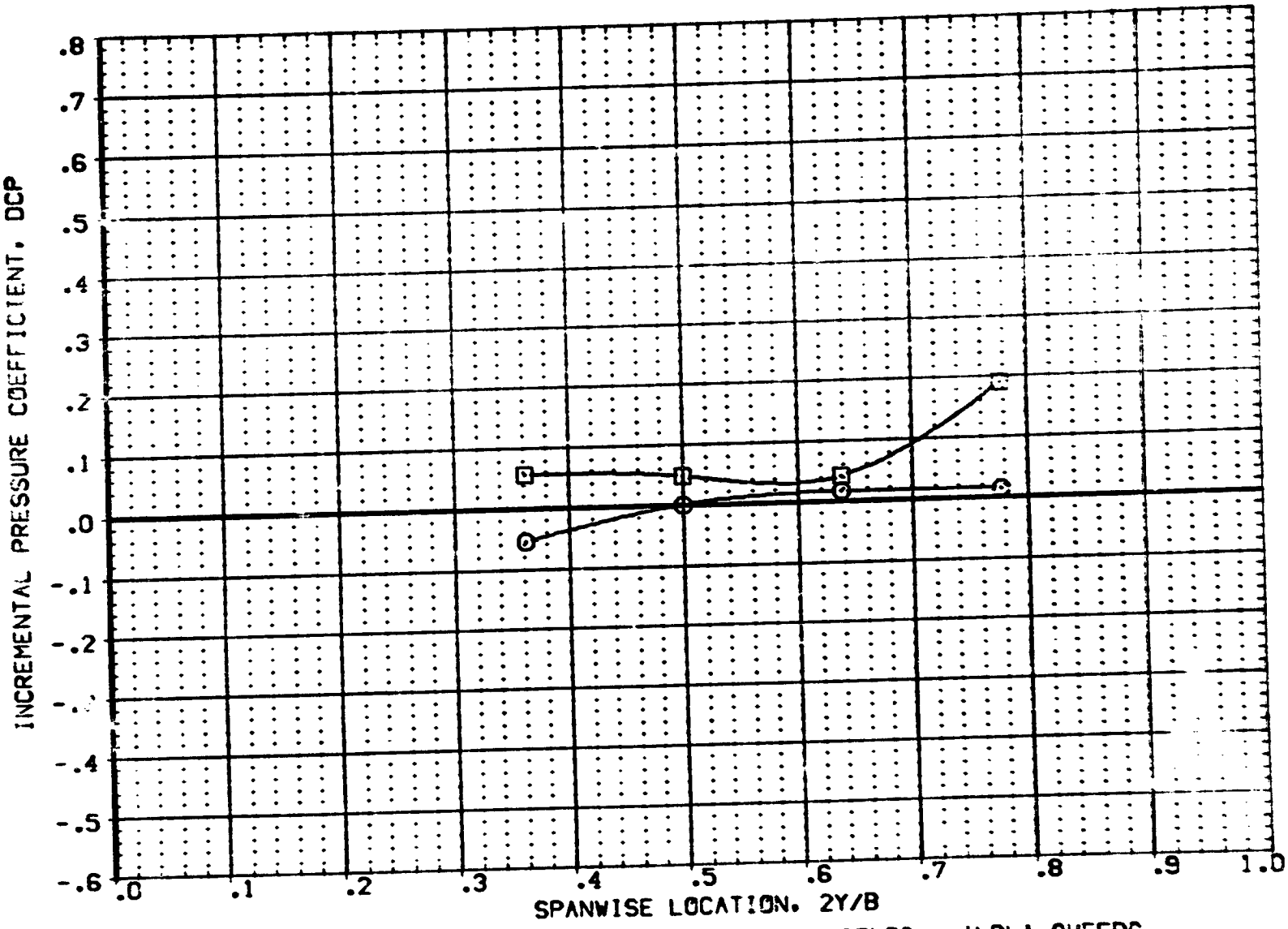

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -3.890 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4L09)	○	IAGB (C1F1M3(1)M4(1)) - (C1F1) UPPER WING	.000
(AF4L09)	□	IAGB (C1F1M3(1)M4(1)) - (C1F1) LOWER WING	.000

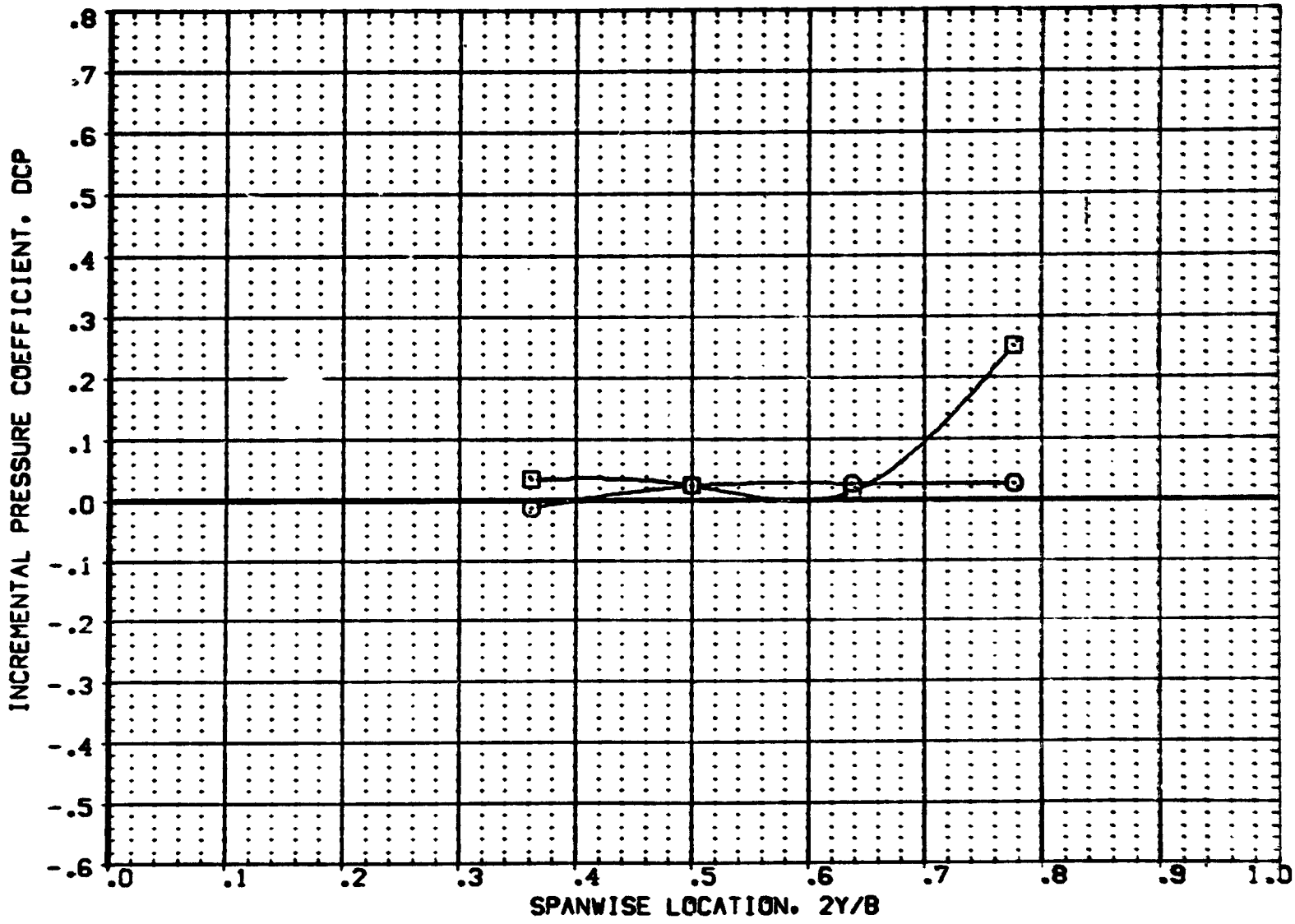

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -1.820 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4L09]	○	!AGB [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L09]	□	!AGB [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

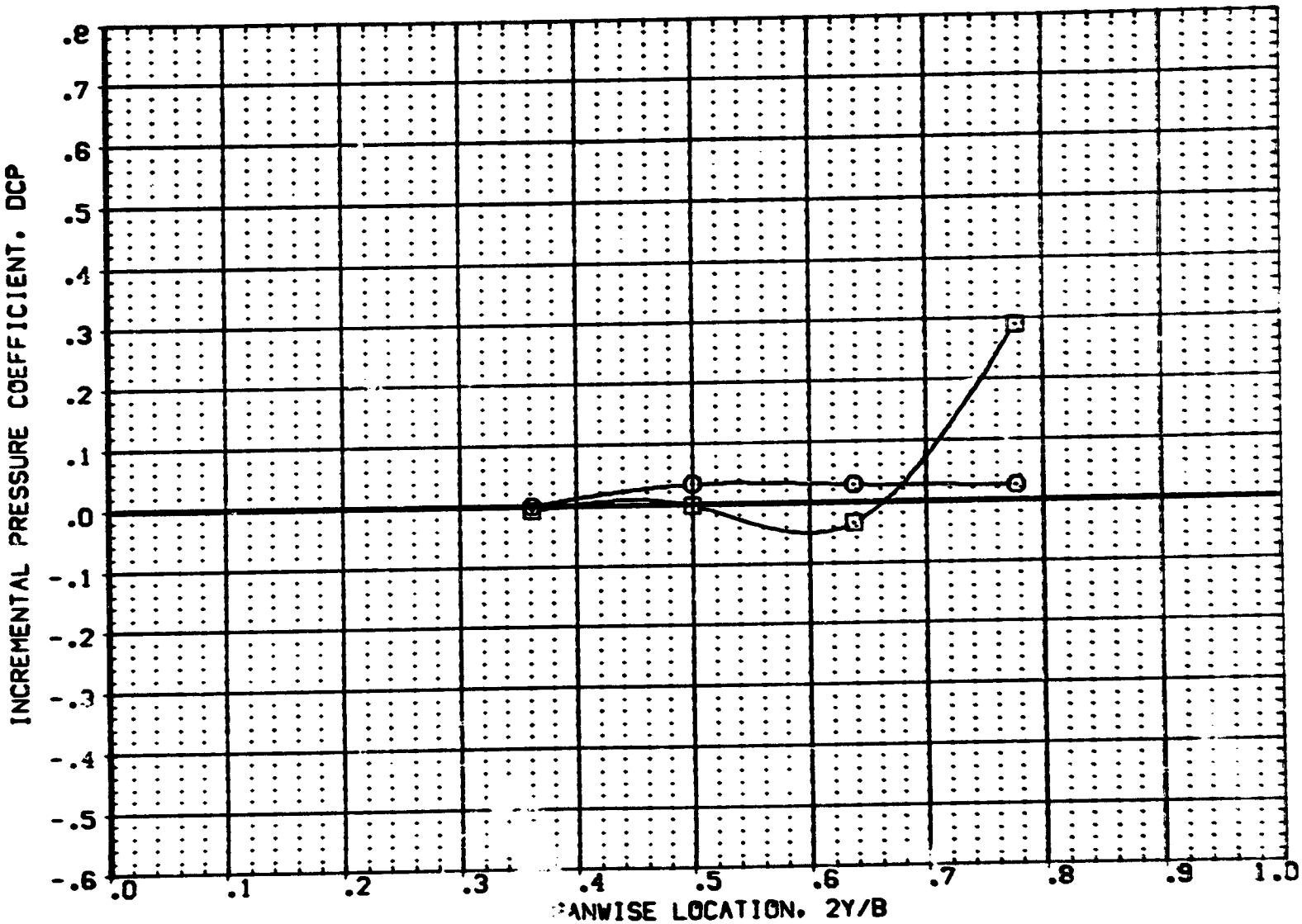

FIG 10 STRUT DIFFERENTIAL [illegible] PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = .120 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4L09)	○	IA6B (C1F1M3(1)M4(1)) - (C1F1) UPPER WING	.000
(AF4L09)	□	IA6B (C1F1M3(1)M4(1)) - (C1F1) LOWER WING	.000

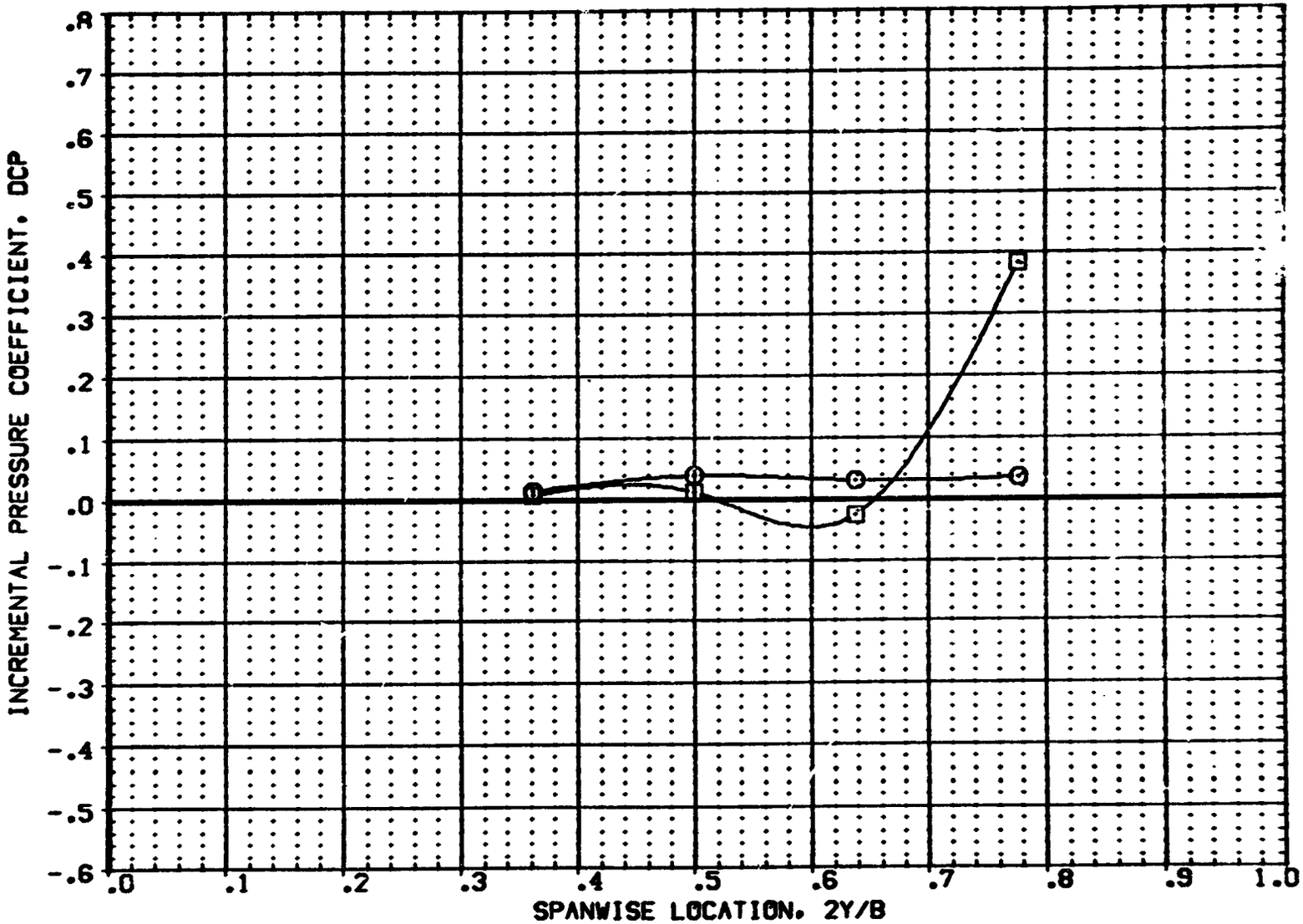

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 2.120 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4UO9)	○	IAGB (C1F1M3[1]M4[1]) - (C1F1) UPPER WING	.000
(AF4LO9)	□	IAGB (C1F1M3[1]M4[1]) - (C1F1) LOWER WING	.000

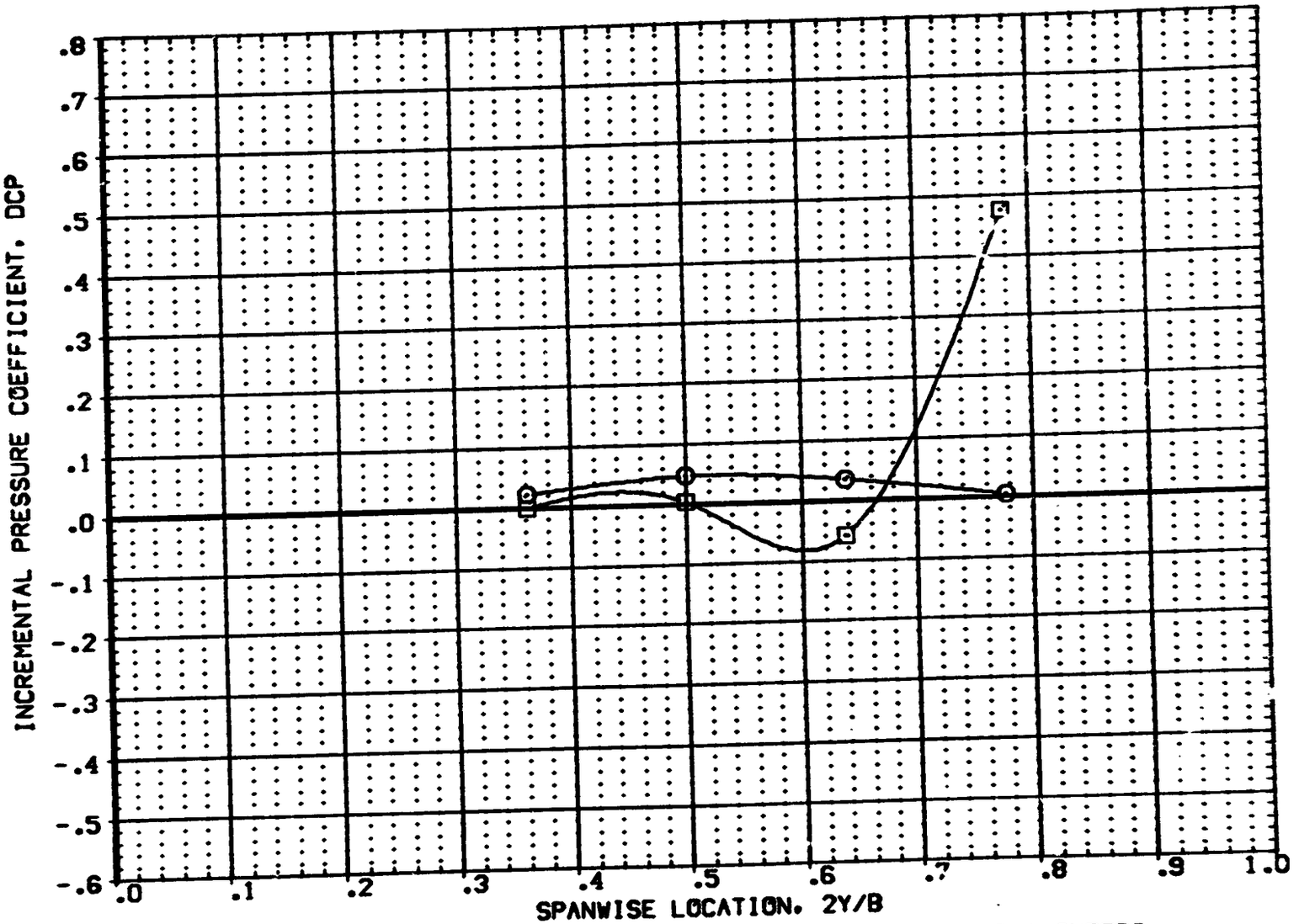

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 4.030 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4U1]	□	IAGB [CI FI M1[1]] - [CI FI] UPPER WING	.000
[AF4L1]	□	IAGB [CI FI M1[1]] - [CI FI] LOWER WING	.000

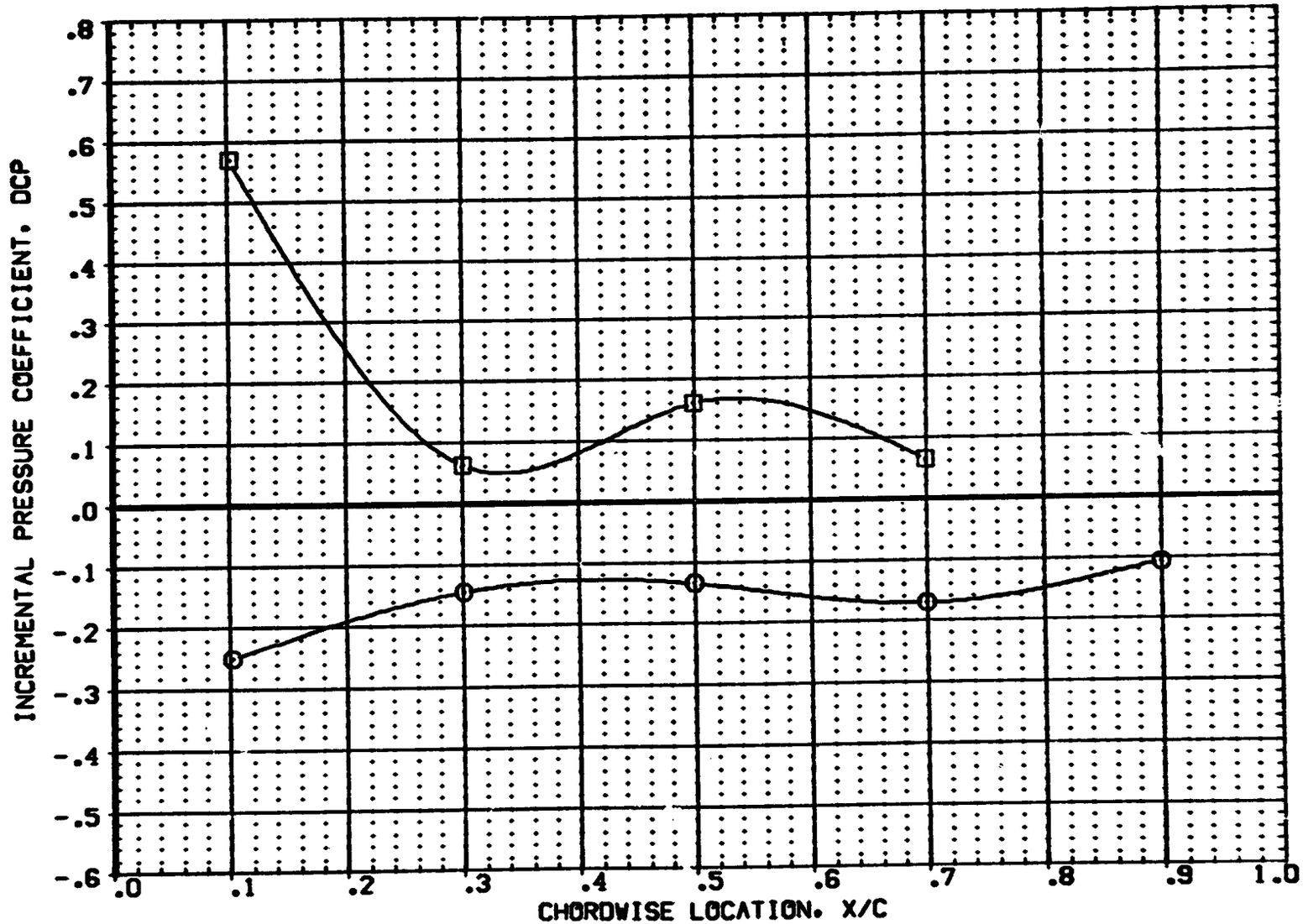

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -3.700 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U11) ○	IAGB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L11) □	IAGB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

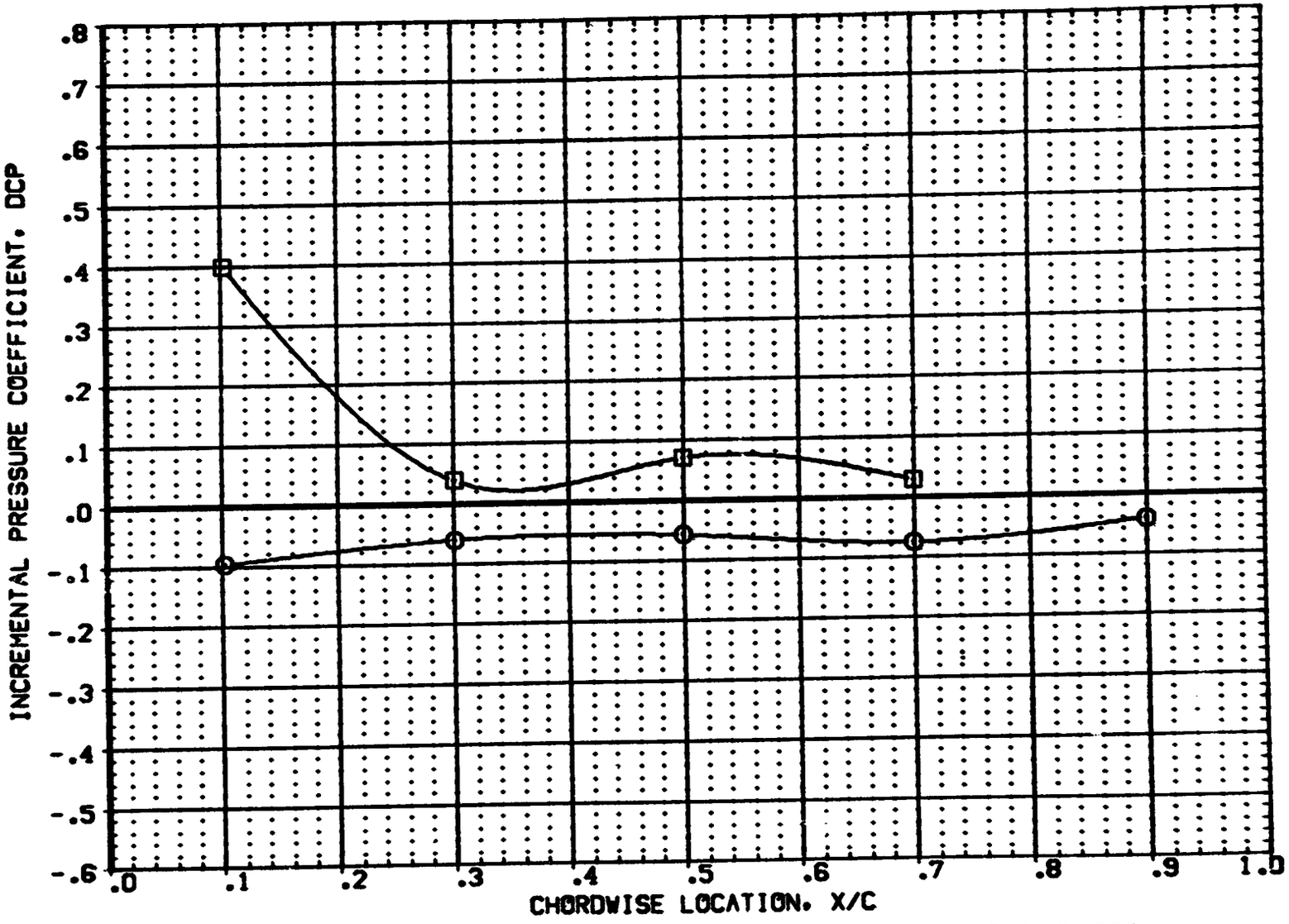

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -1.790 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4U[1])	○	IASB (C1 F1 M1[1]) - (C1 F1) UPPER WING	.000
(AF4L[1])	□	IASB (C1 F1 M1[1]) - (C1 F1) LOWER WING	.000

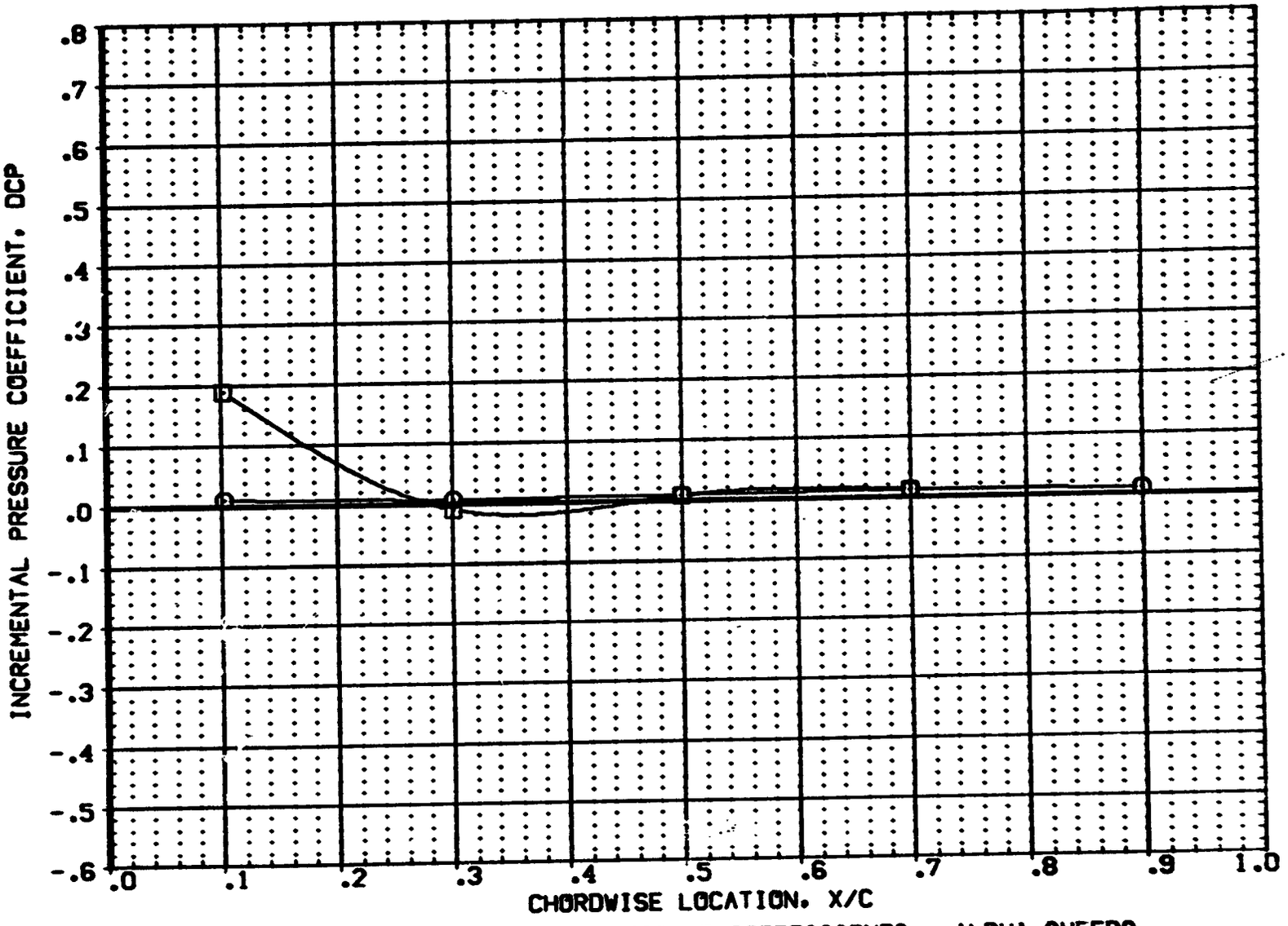

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = .120 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4U11)	○	IAGB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L11)	□	IAGB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 2.010 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4U11)	○	IA6B (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L11)	□	IA6B (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

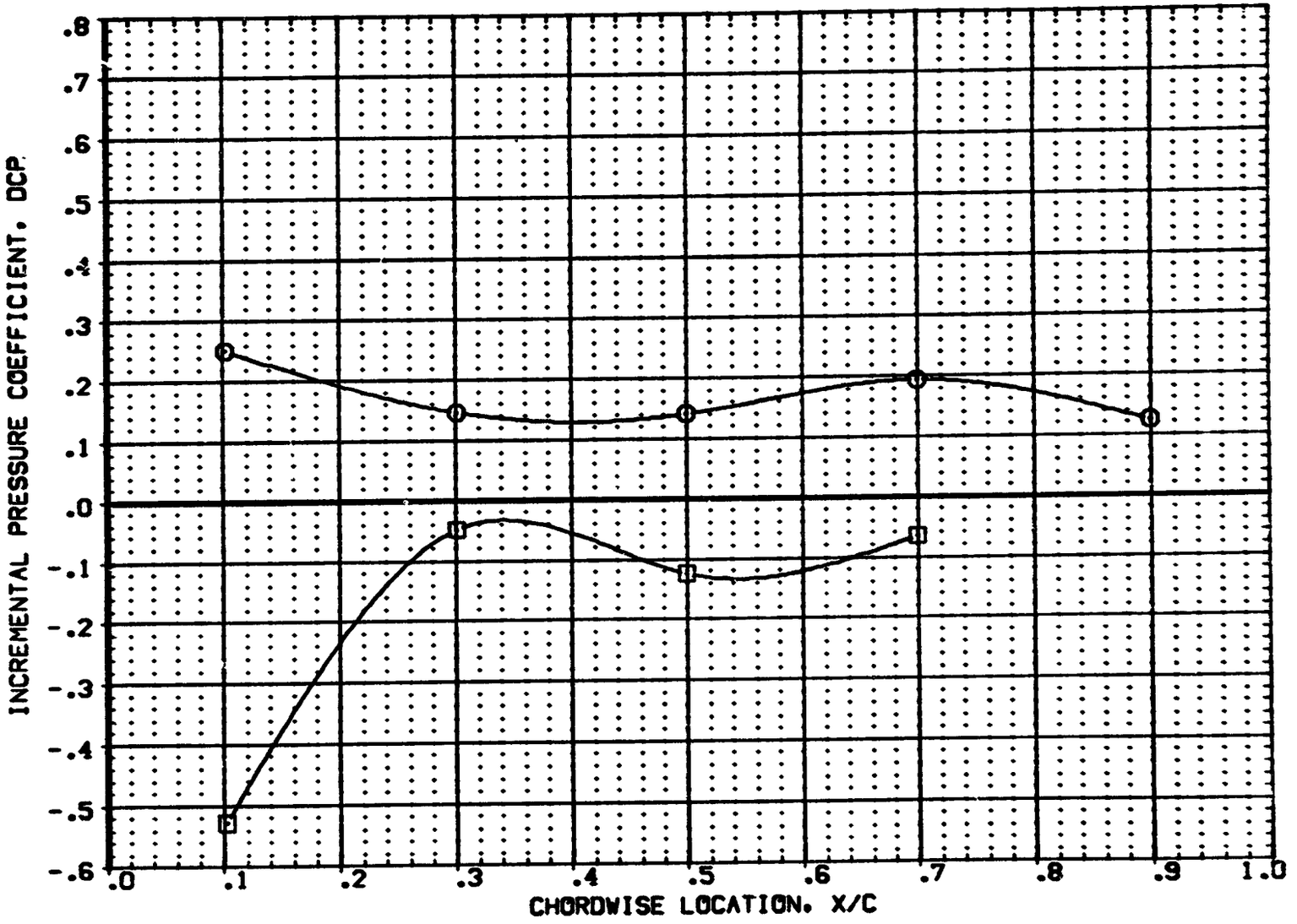

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 4.040 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4U1]	○	[ASB (C1 F1 M1[1]) - (C1 F1) UPPER WING	.000
[AF4L1]	□	[ASB (C1 F1 M1[1]) - (C1 F1) LOWER WING	.000

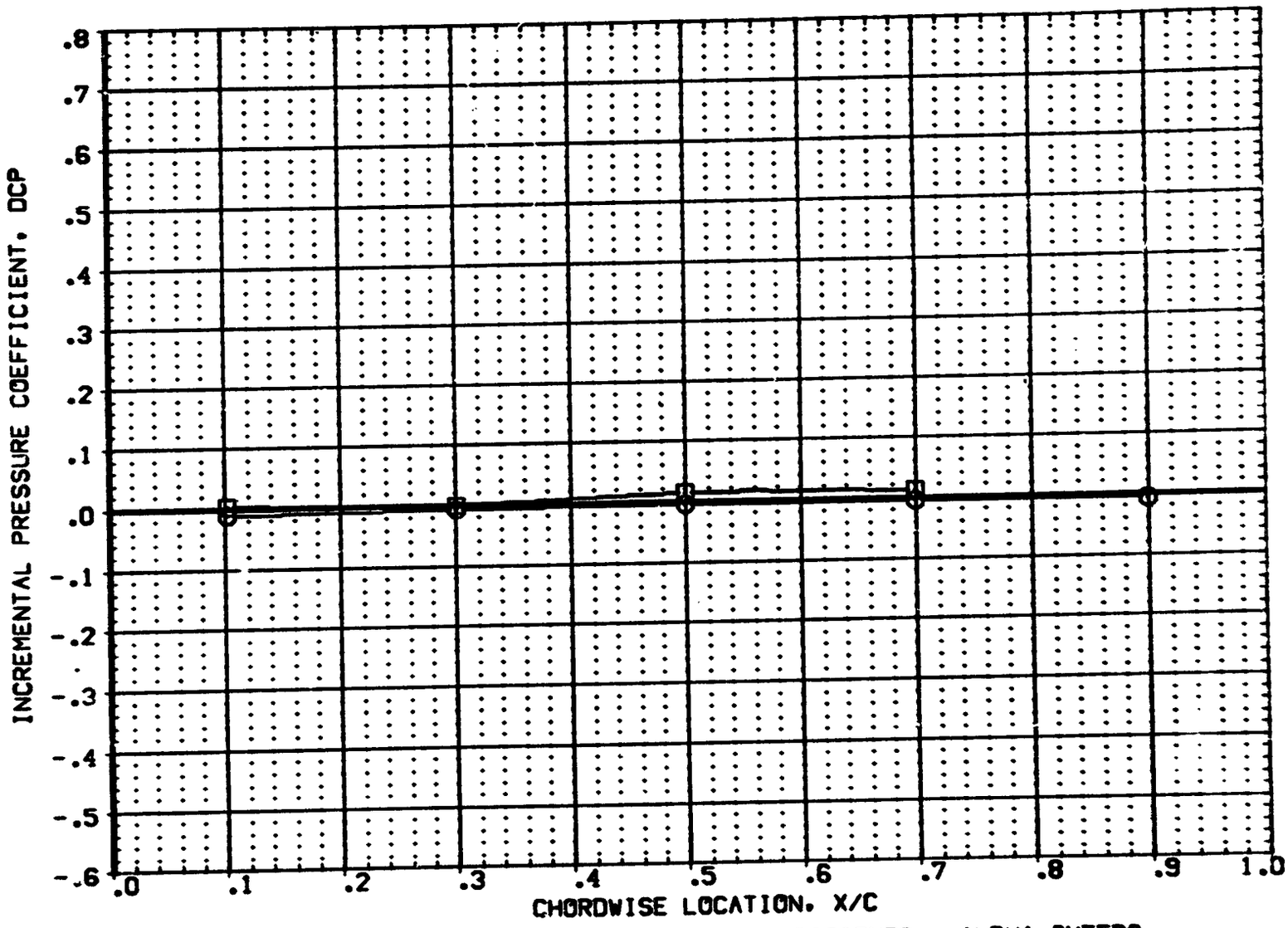

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -3.860 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4U1]	[ASB [C1 F1 M1[1]) - [C1 F1] UPPER WING	.000
[AF4L1]	[ASB [C1 F1 M1[1]) - [C1 F1] LOWER WING	.000

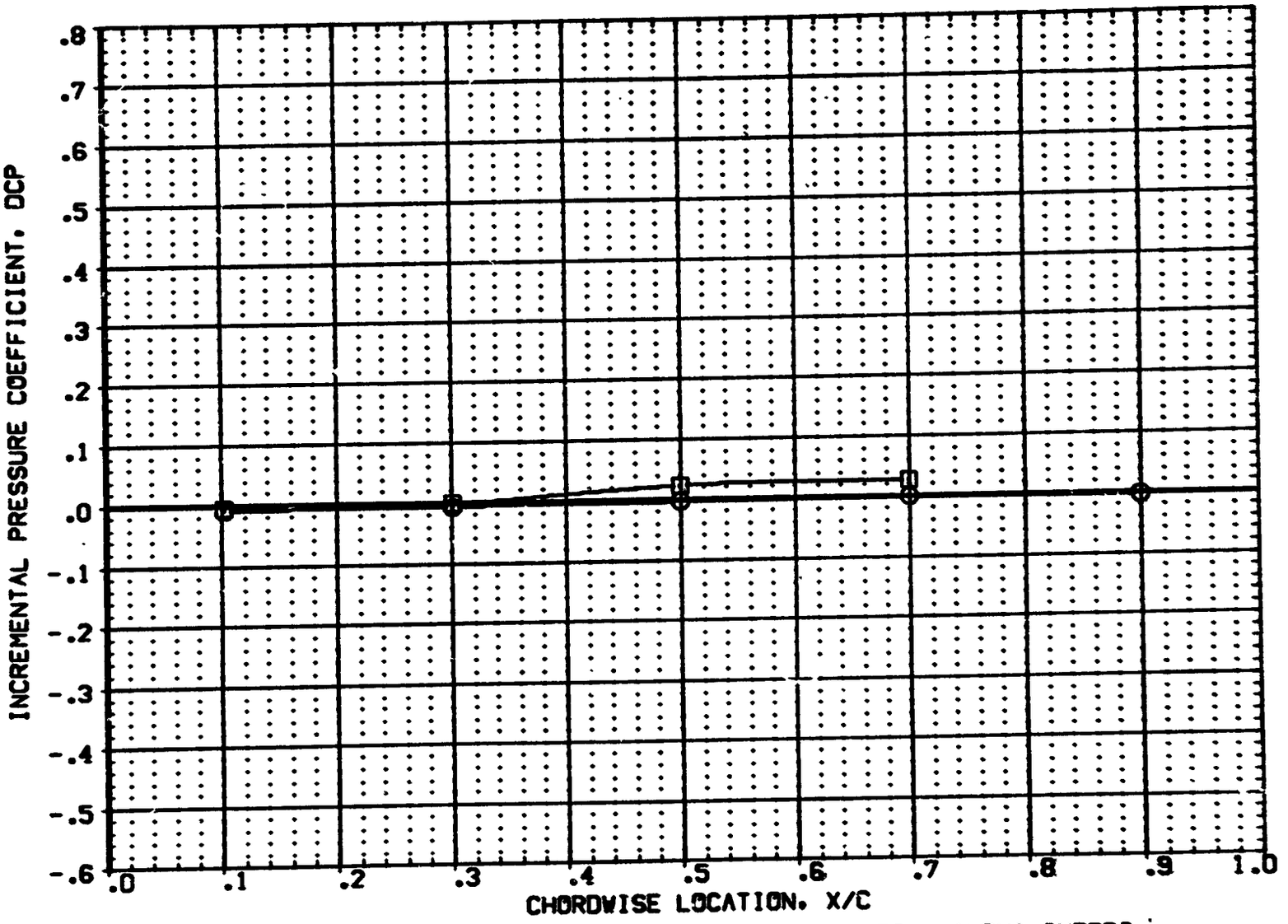

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -1.940 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U1) ○	IASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L1) □	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

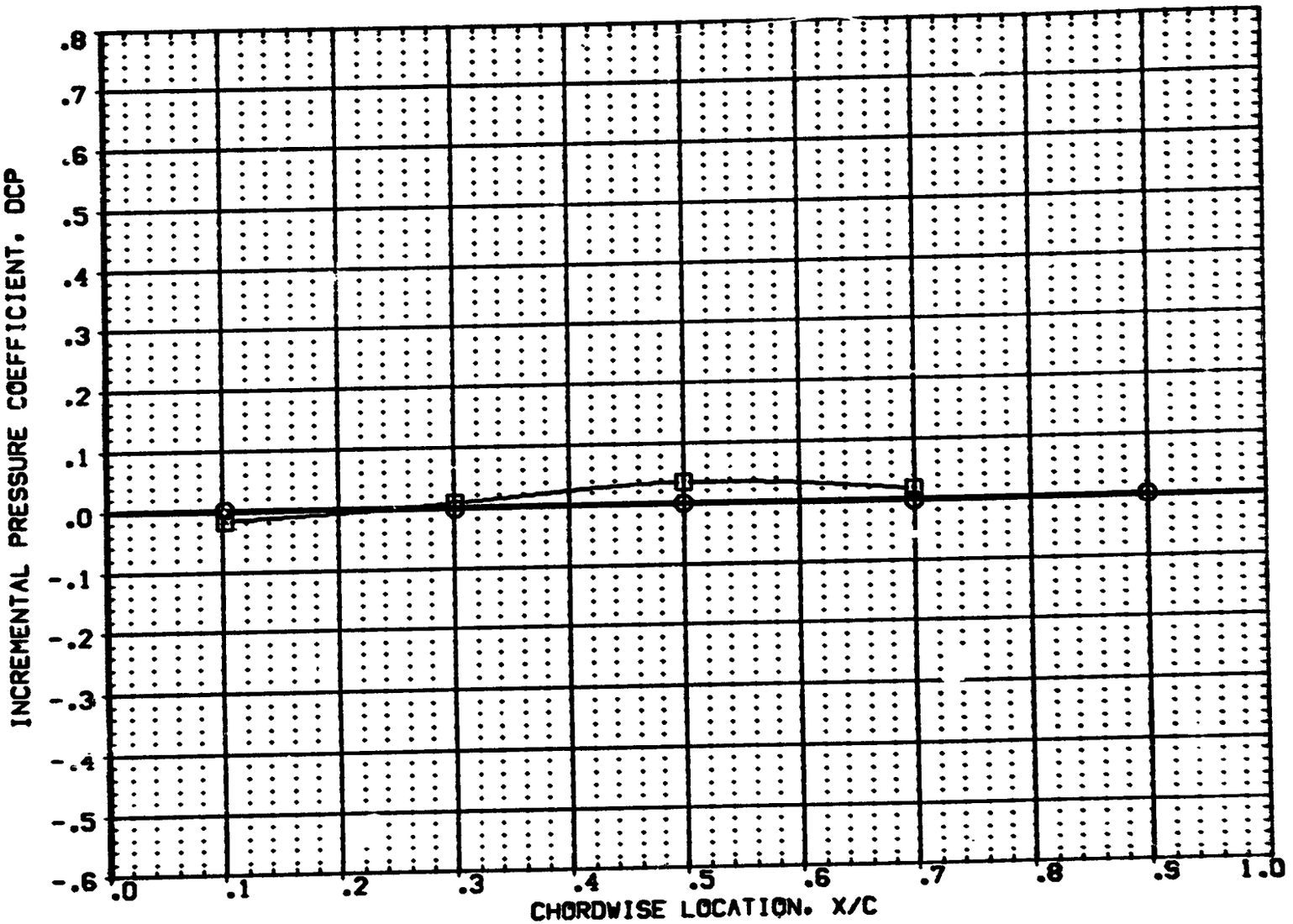

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = .000 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4U1]	8	[AGB [C1 F1 M1(1)] - [C1 F1] UPPER WING	.000
[AF4L1]	8	[AGB [C1 F1 M1(1)] - [C1 F1] LOWER WING	.000

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 1.980 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U111)	○	IASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L111)	□	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

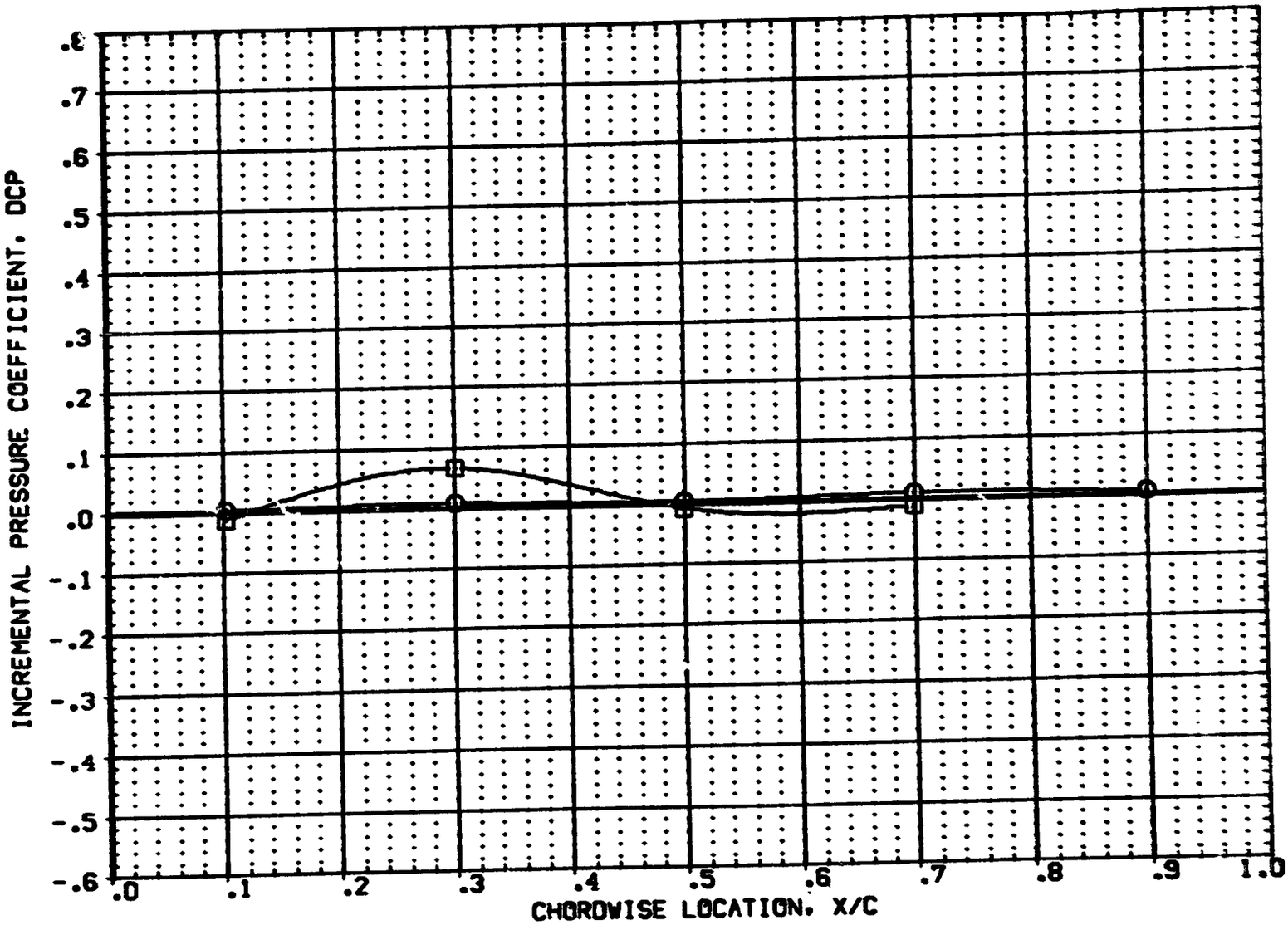

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 3.910 2Y/B = .500

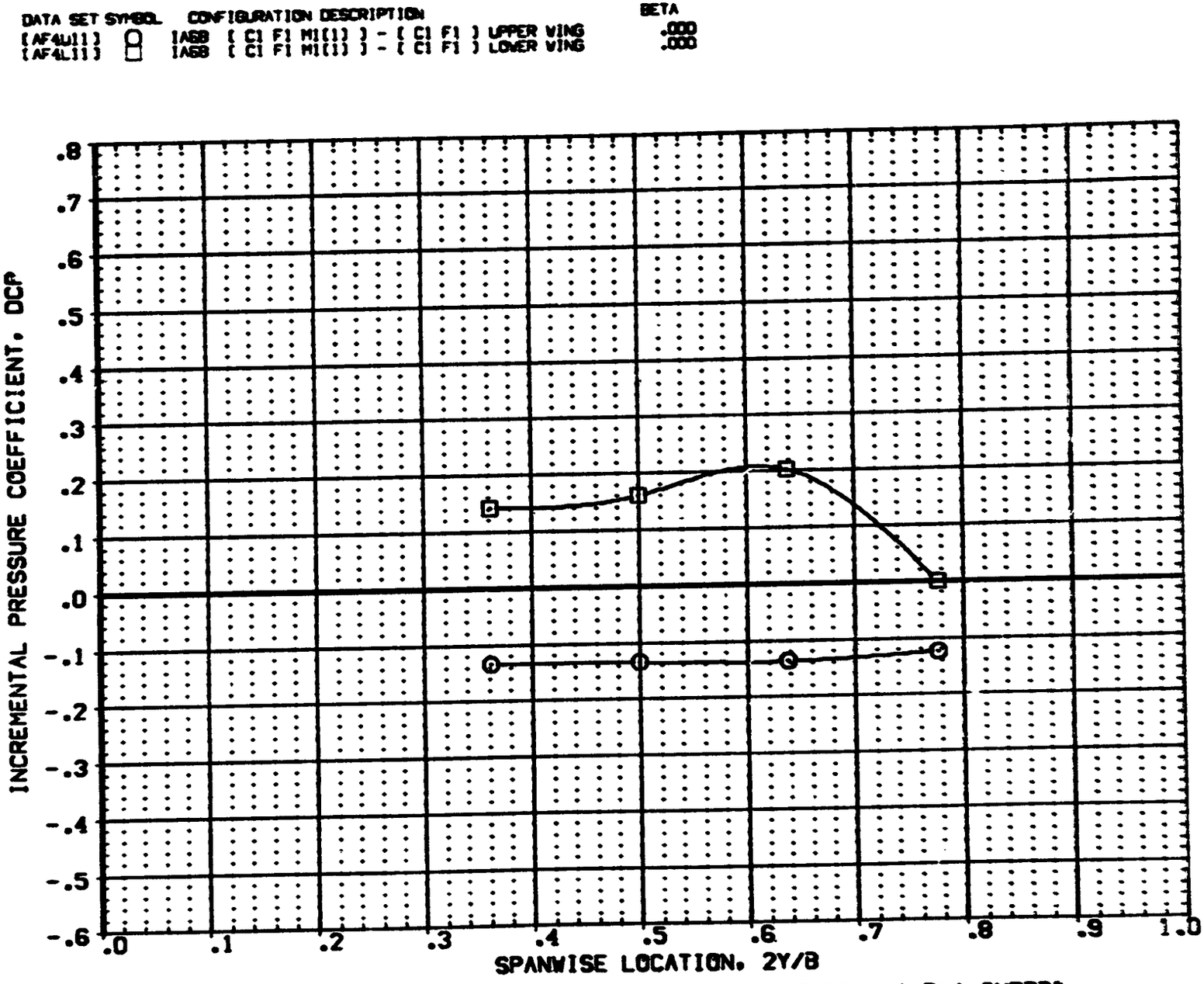

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -3.700 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4U1I]	IASB [C1 F1 M1[1]] - [C1 F1] UPPER WING	.000
[AF4L1I]	IASB [C1 F1 M1[1]] - [C1 F1] LOWER WING	.000

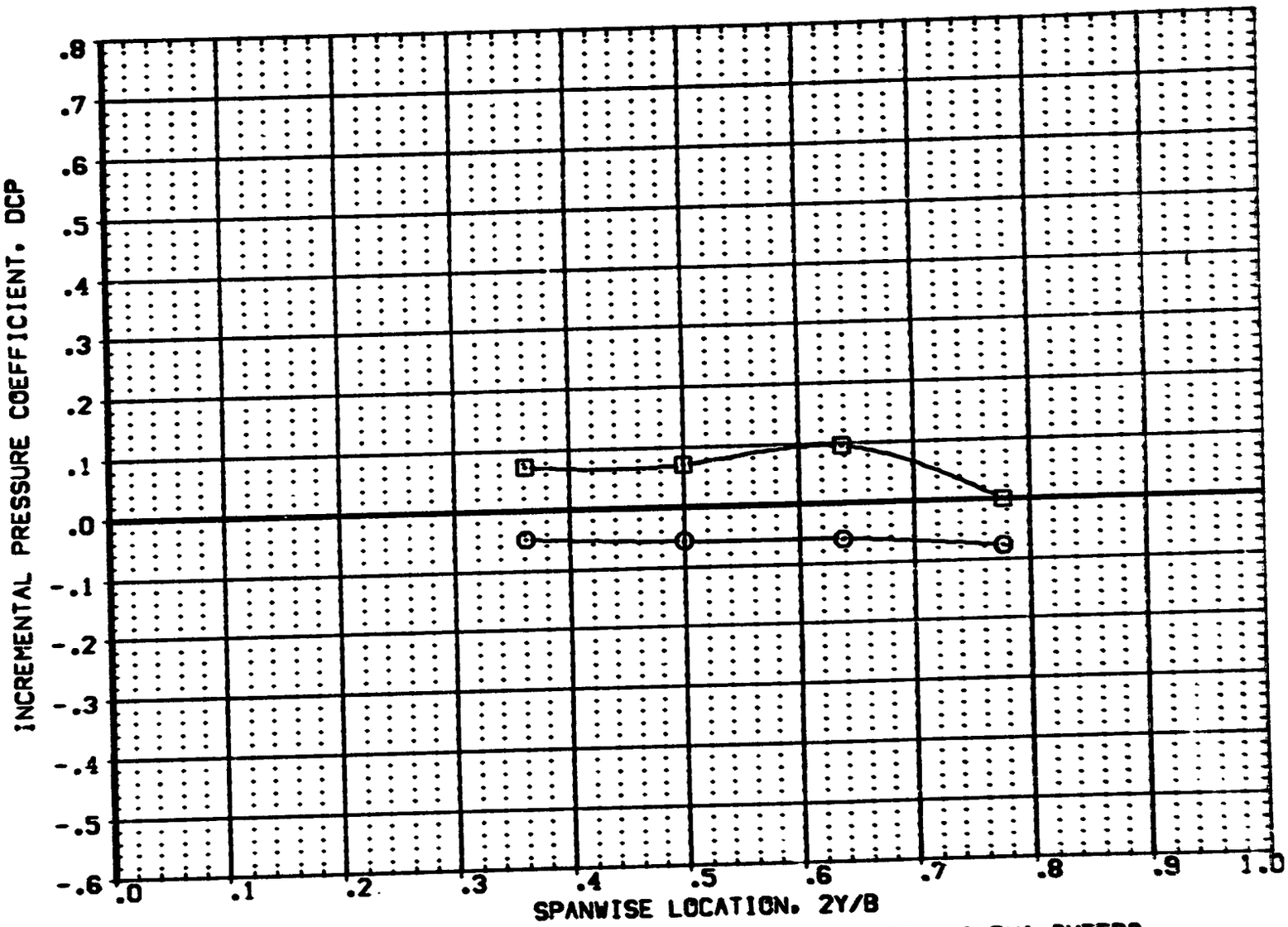

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = -1.790 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4U1]	[AGB [C1 F1 M1[1]] - [C1 F1] UPPER WING	.000
[AF4L1]	[AGB [C1 F1 M1[1]] - [C1 F1] LOWER WING	.000

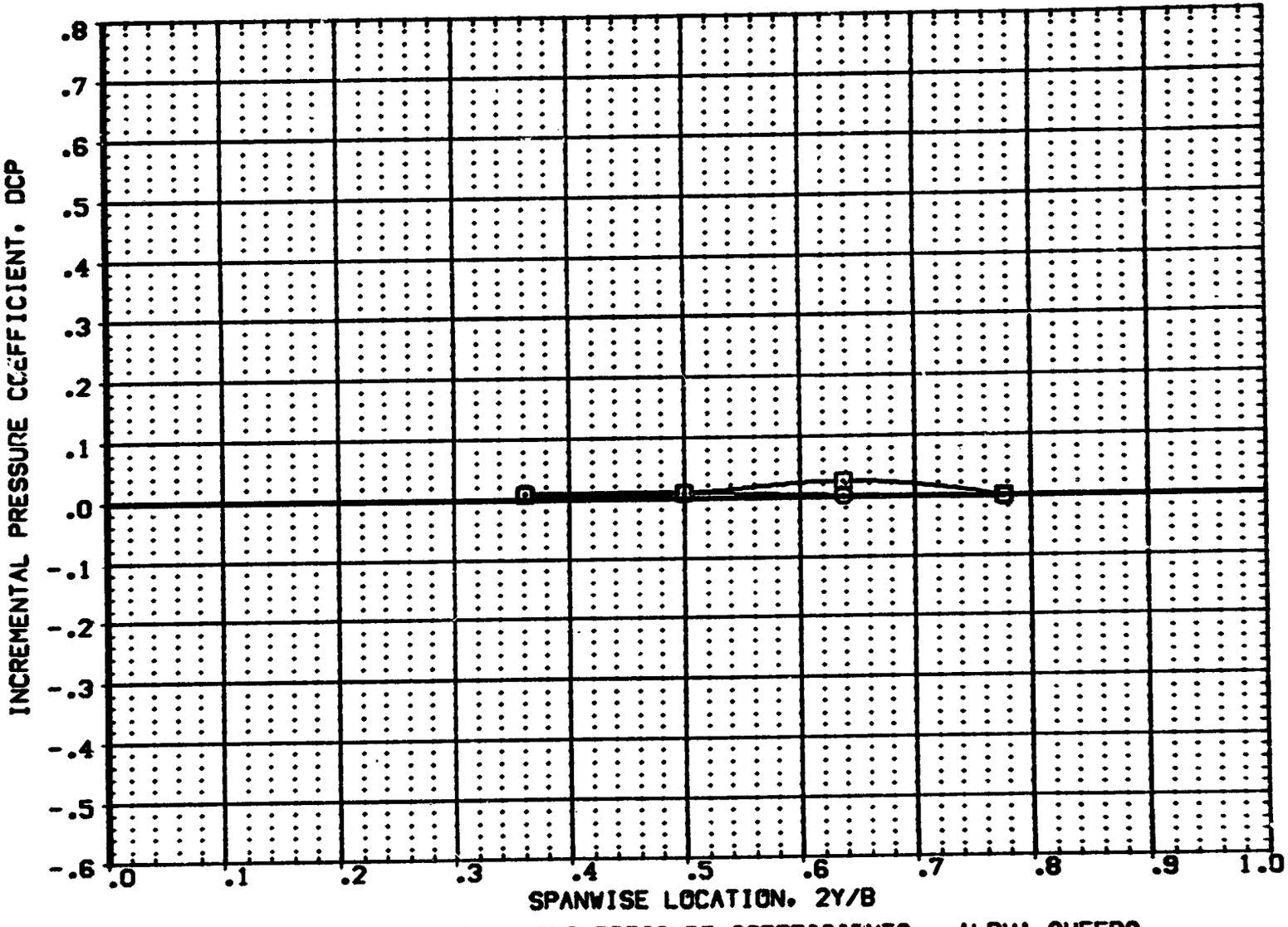

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = .120 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		BETA
[AF4U[1]]	[AGB [C[F[M[[]] - [C[F[ ]	UPPER WING	.000
[AF4L[1]]	[AGB [C[F[M[[]] - [C[F[ ]	LOWER WING	.000

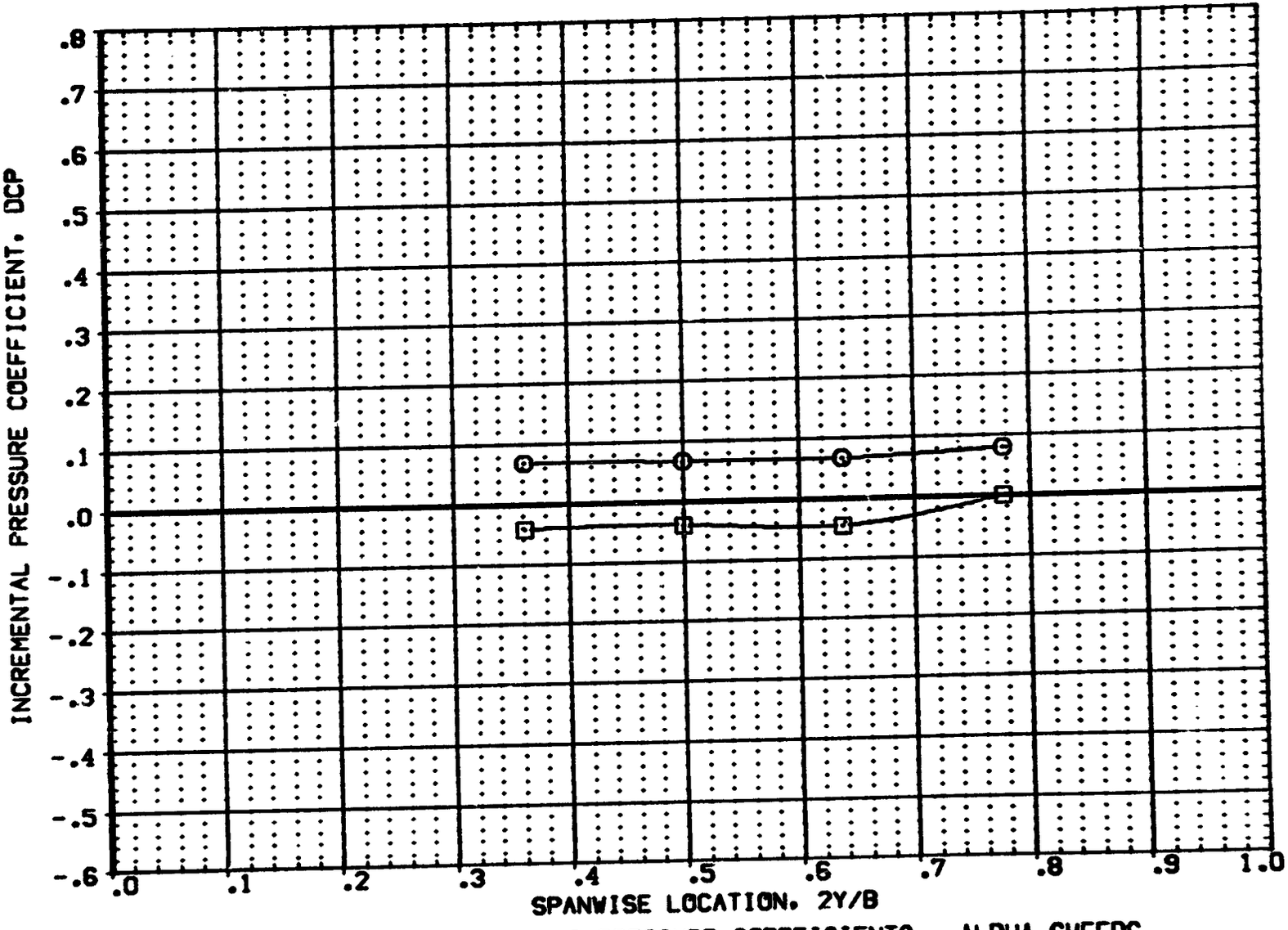

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 2.010 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U[1])	IAGB (CI FI MI[1]) - (CI FI) UPPER WING	.000
(AF4L[1])	IAGB (CI FI MI[1]) - (CI FI) LOWER WING	.000

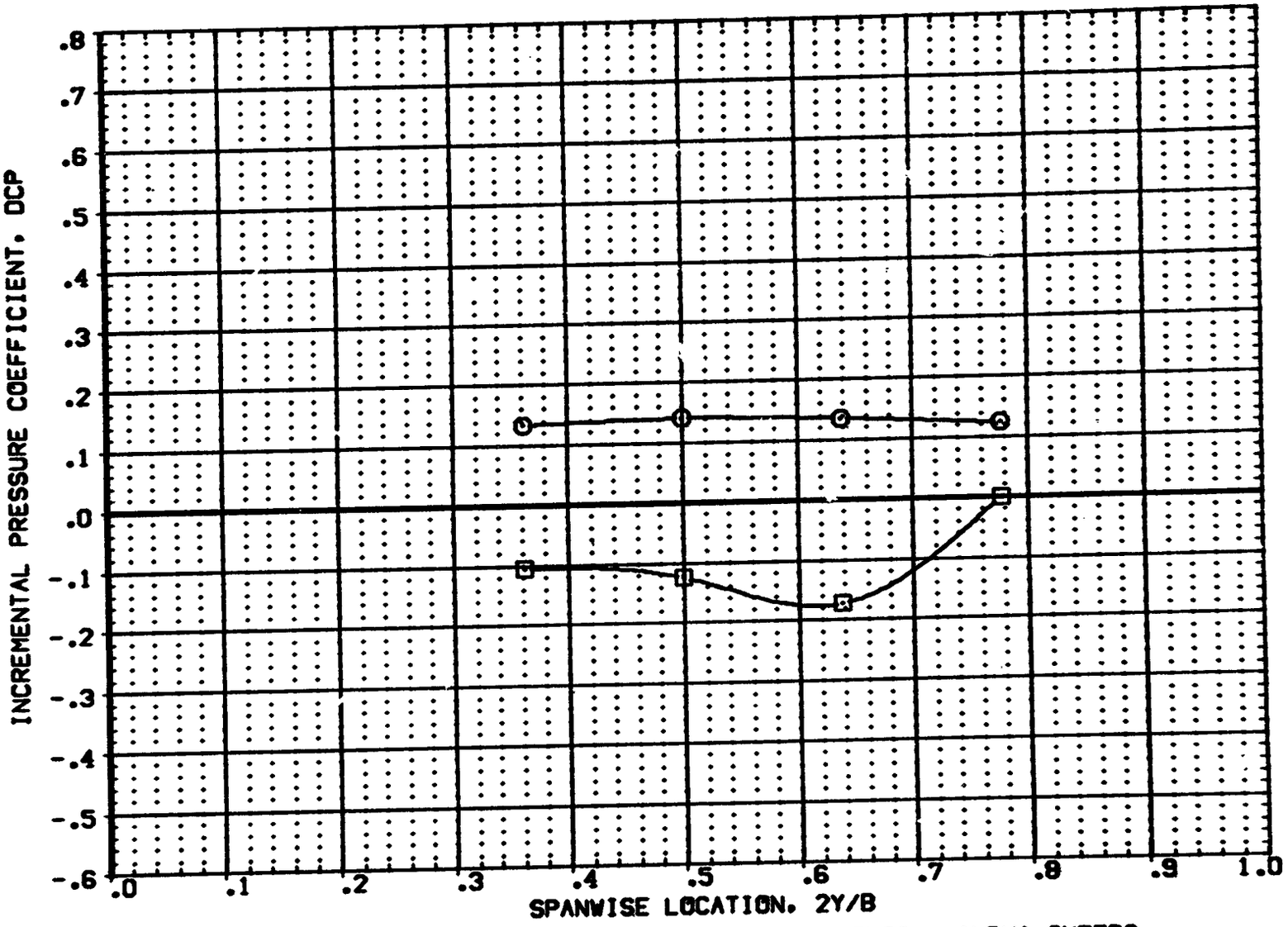

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.503 ALPHA = 4.040 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
[AF4U1]	8	!AGB [C1 F1 M1[1]] - [C1 F1] UPPER WING	.000
[AF4L1]	8	!AGB [C1 F1 M1[1]] - [C1 F1] LOWER WING	.000

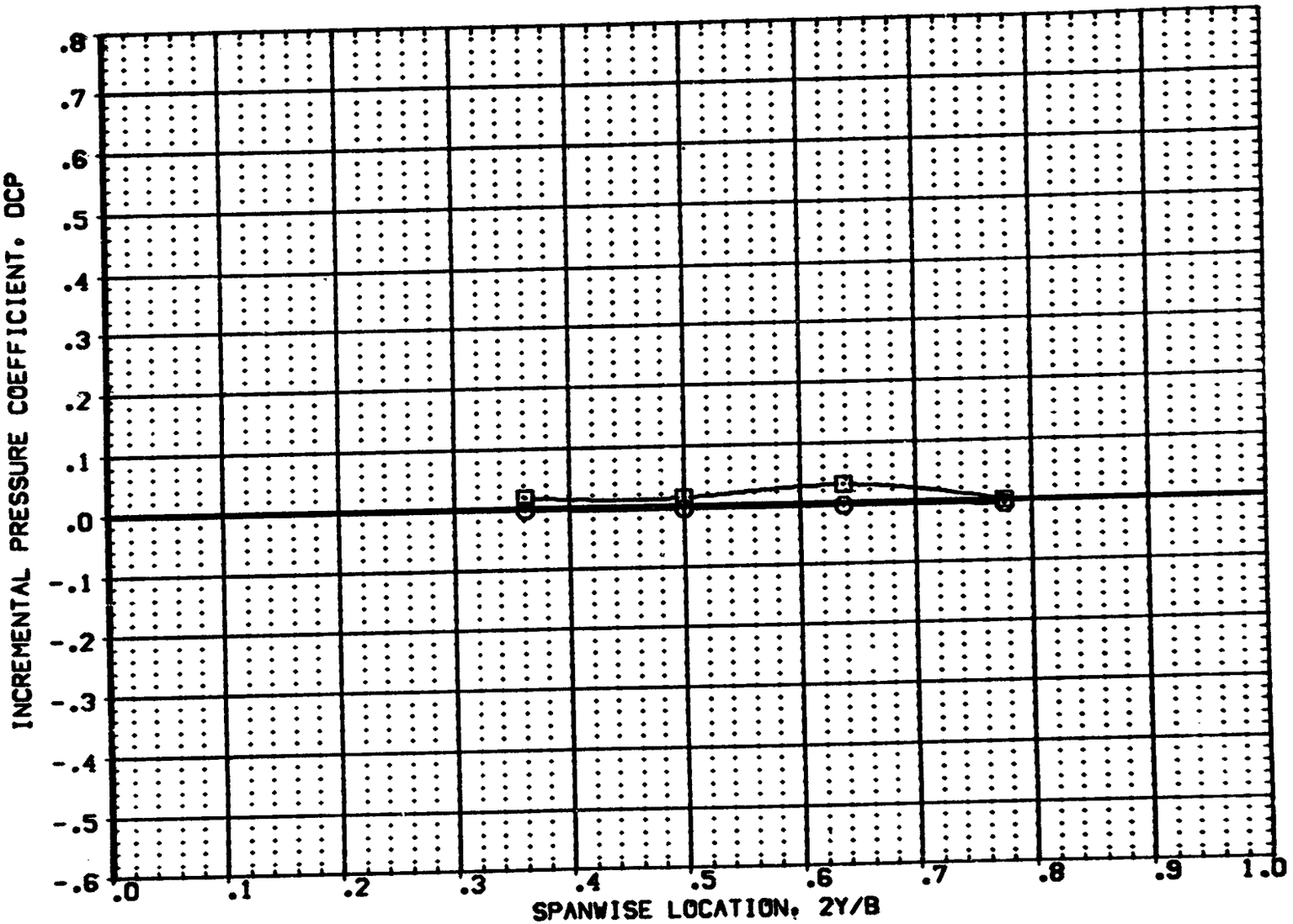

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -3.860 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	BETA
(AF4U1)	8	IASB [CI FI MI(1)] - [CI FI] UPPER WING	.000
(AF4L1)	8	IASB [CI FI MI(1)] - [CI FI] LOWER WING	.000

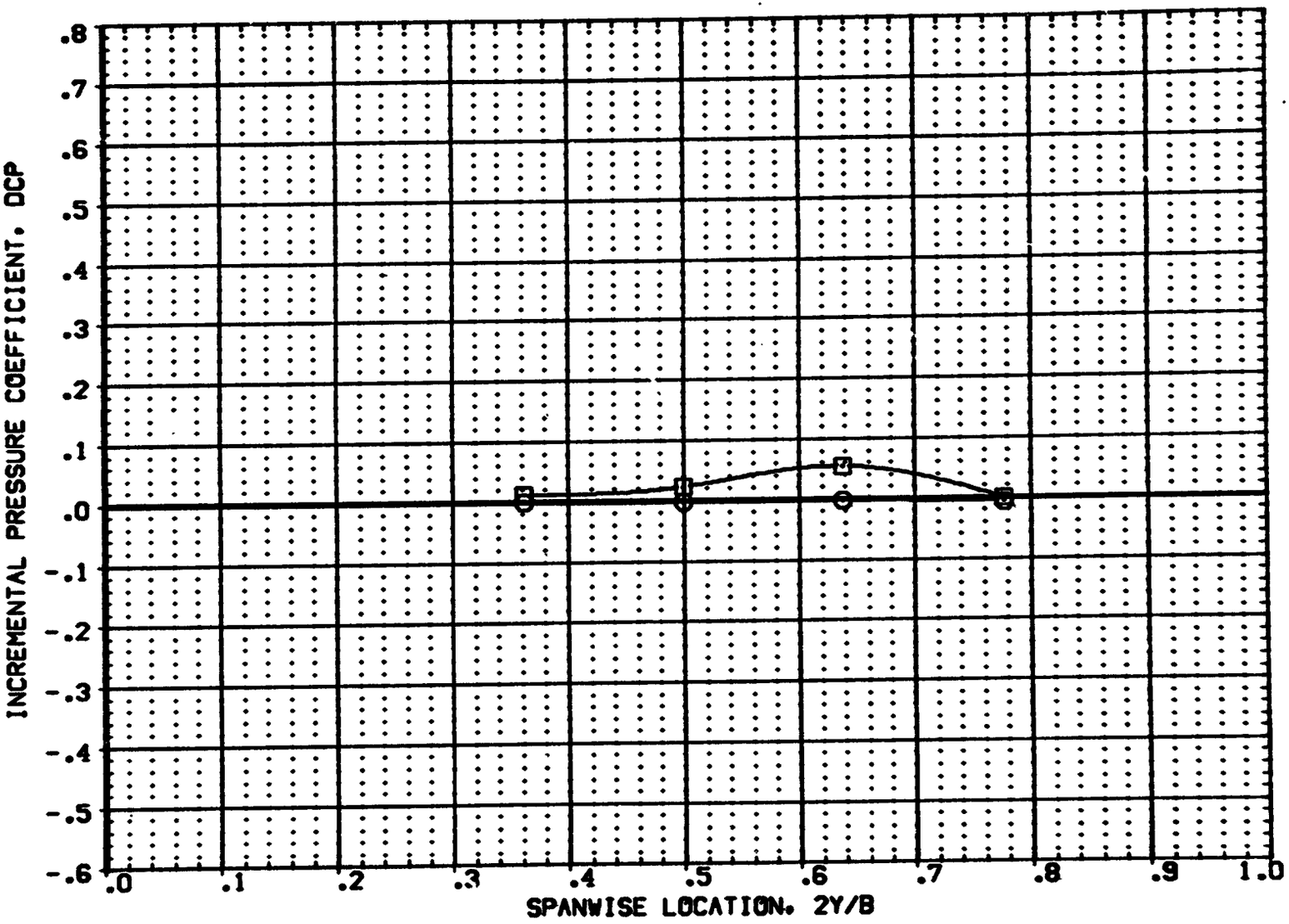

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = -1.940 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
[AF4U1]	⊡	[AGB [C] F] M1[1]] - [C] F]] UPPER WING	.000
[AF4L1]	⊟	[AGB [C] F] M1[1]] - [C] F]] LOWER WING	.000

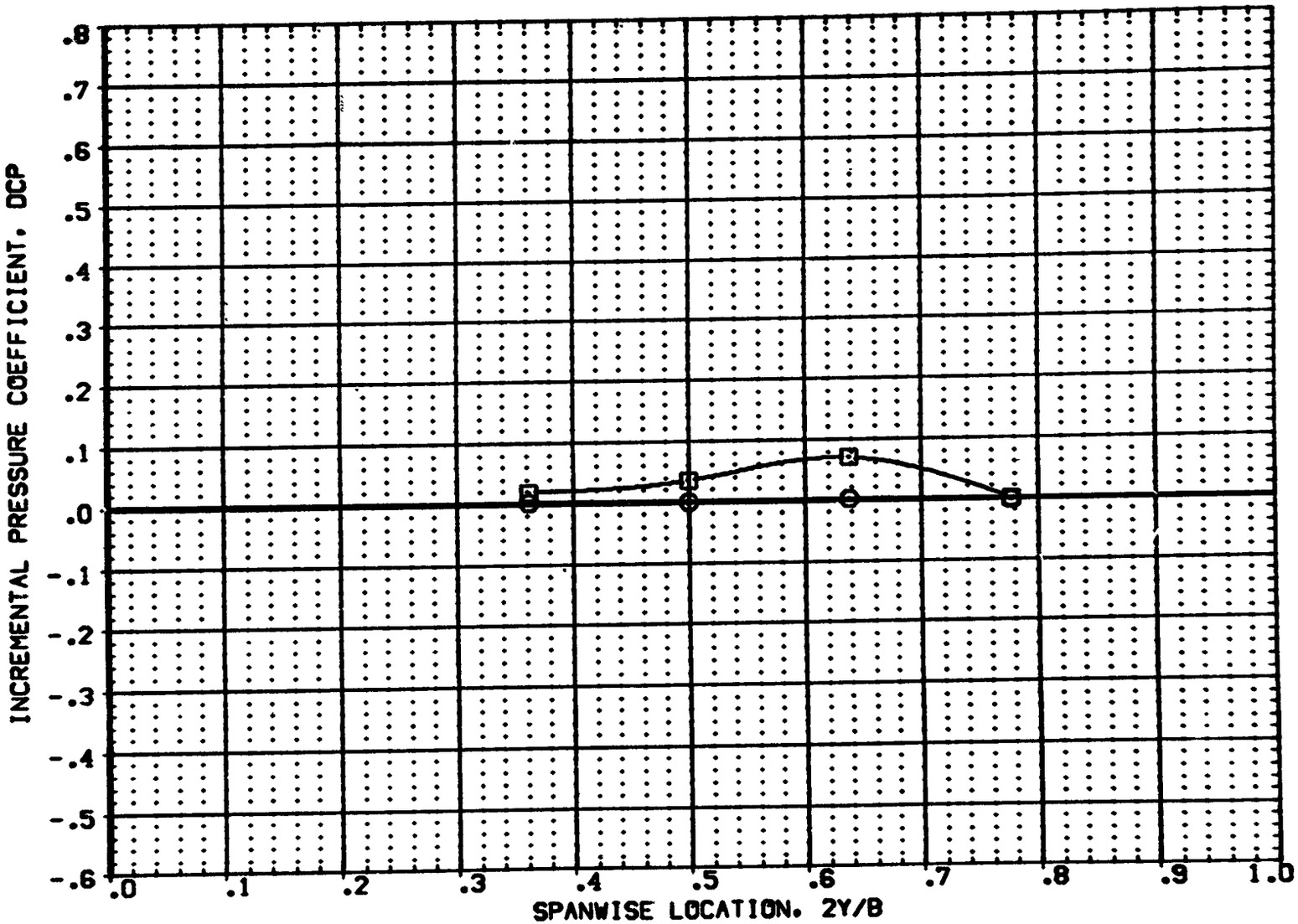

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = .000 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4U11)	○	IASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L11)	□	IASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

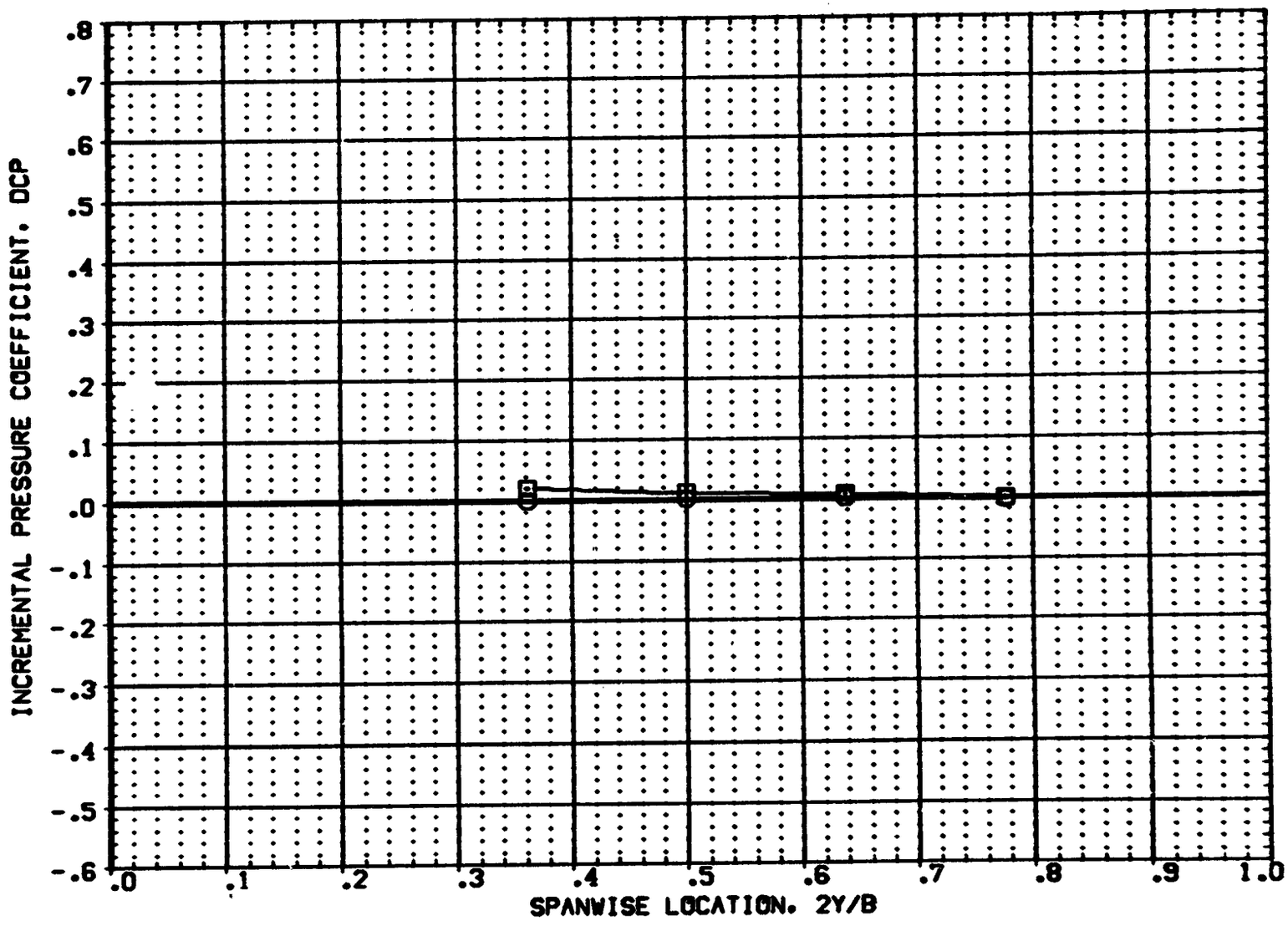

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 1.980 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	BETA
(AF4U[1])	○	IA6B (C1 F1 M1[1]) - (C1 F1) UPPER WING	.000
(AF4L[1])	□	IA6B (C1 F1 M1[1]) - (C1 F1) LOWER WING	.000

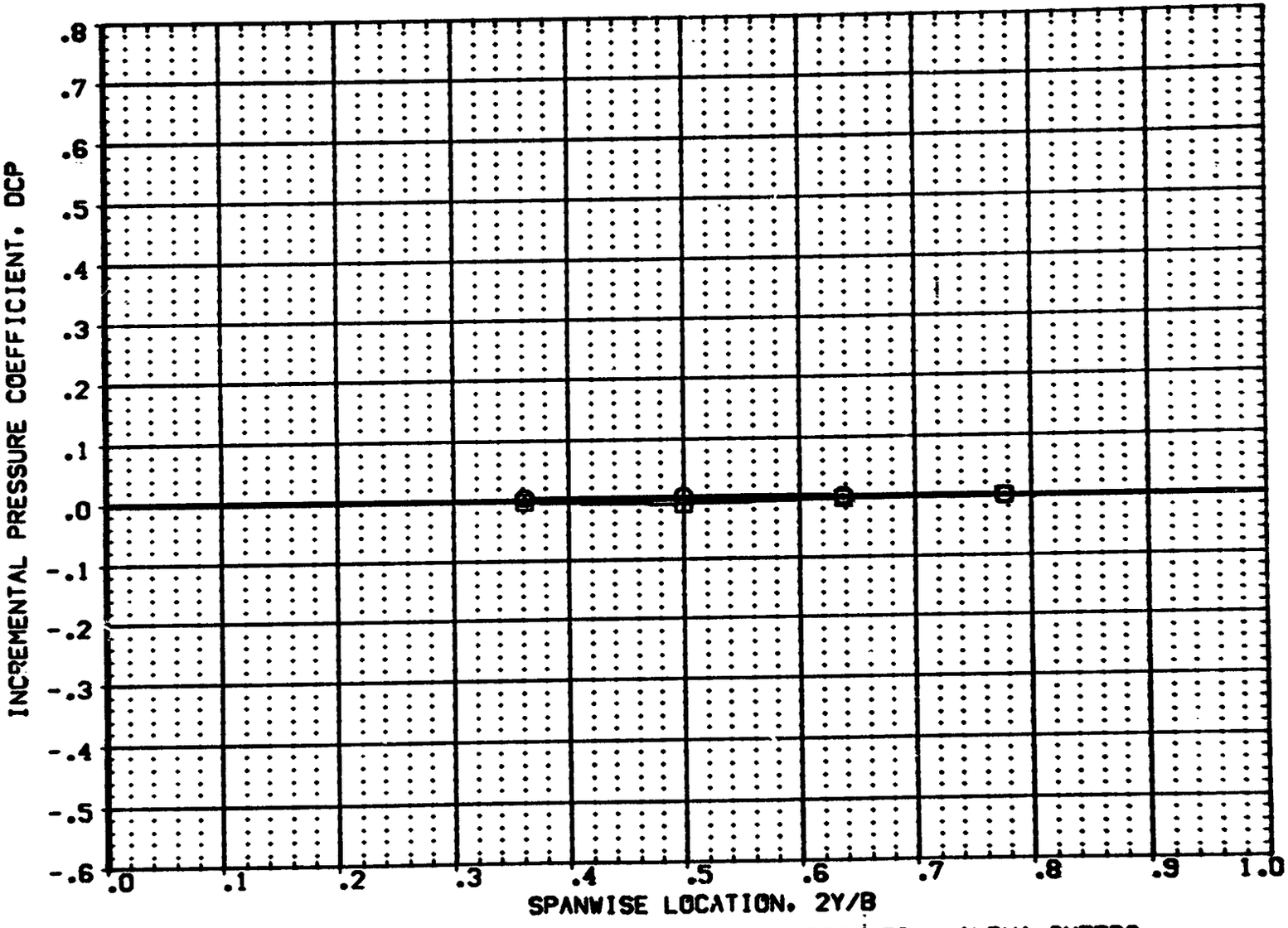

FIG 10 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - ALPHA SWEEPS

MACH = 1.991 ALPHA = 3.910 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	IAGB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05)	IAGB (CI FI MI(1)) - (CI FI) LOWER WING	.000

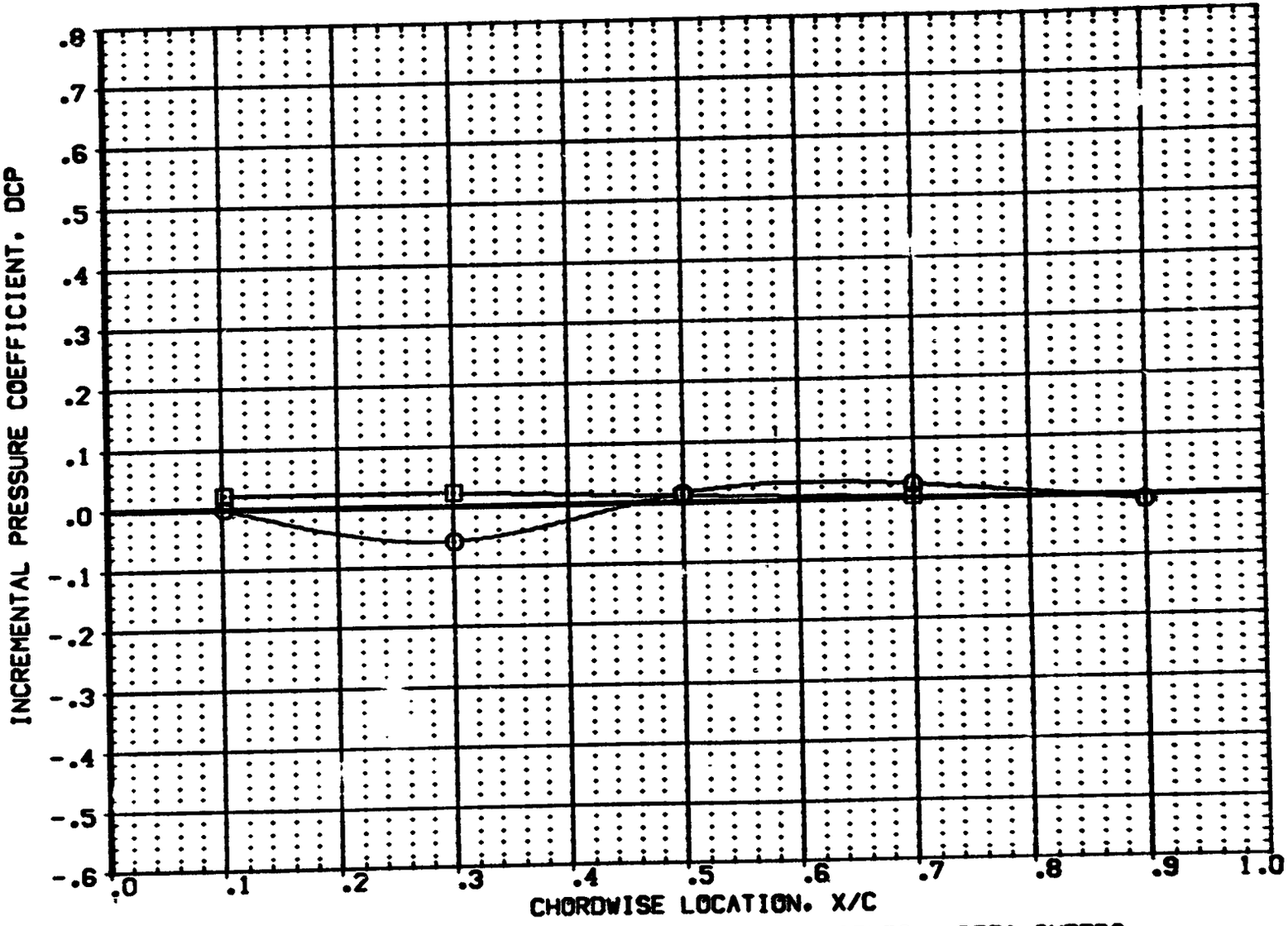

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -3.860 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION		ALPHA
(AF4L05)	○	!AGB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05)	□	!AGB (CI FI MI(1)) - (CI FI) LOWER WING	.000

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -1.880 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	(ABB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	(ABB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

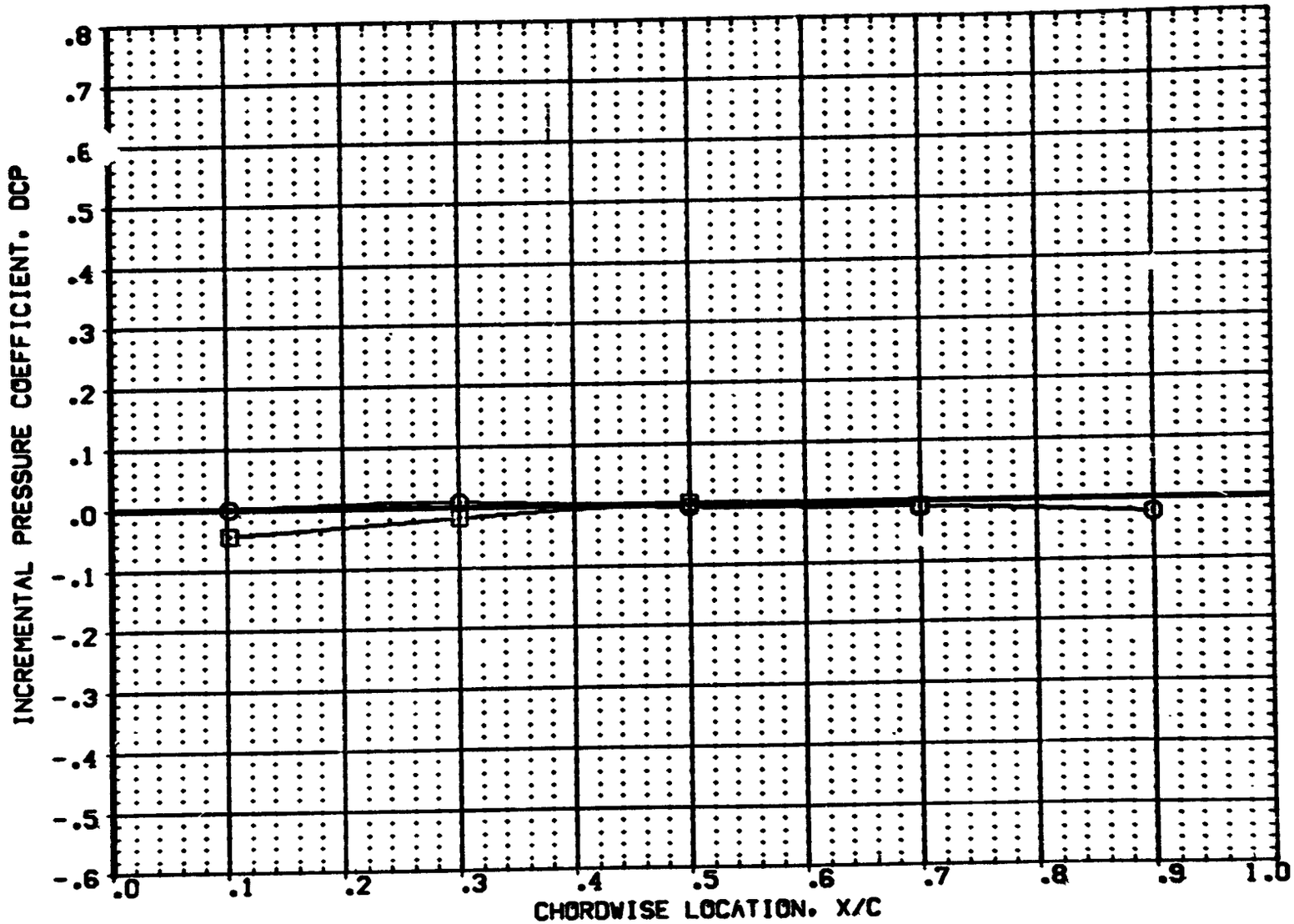

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = .030 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	IA6B (C1 F1 M1[1]) - (C1 F1) UPPER WING	.000
(AF4L05)	□	IA6B (C1 F1 M1[1]) - (C1 F1) LOWER WING	.000

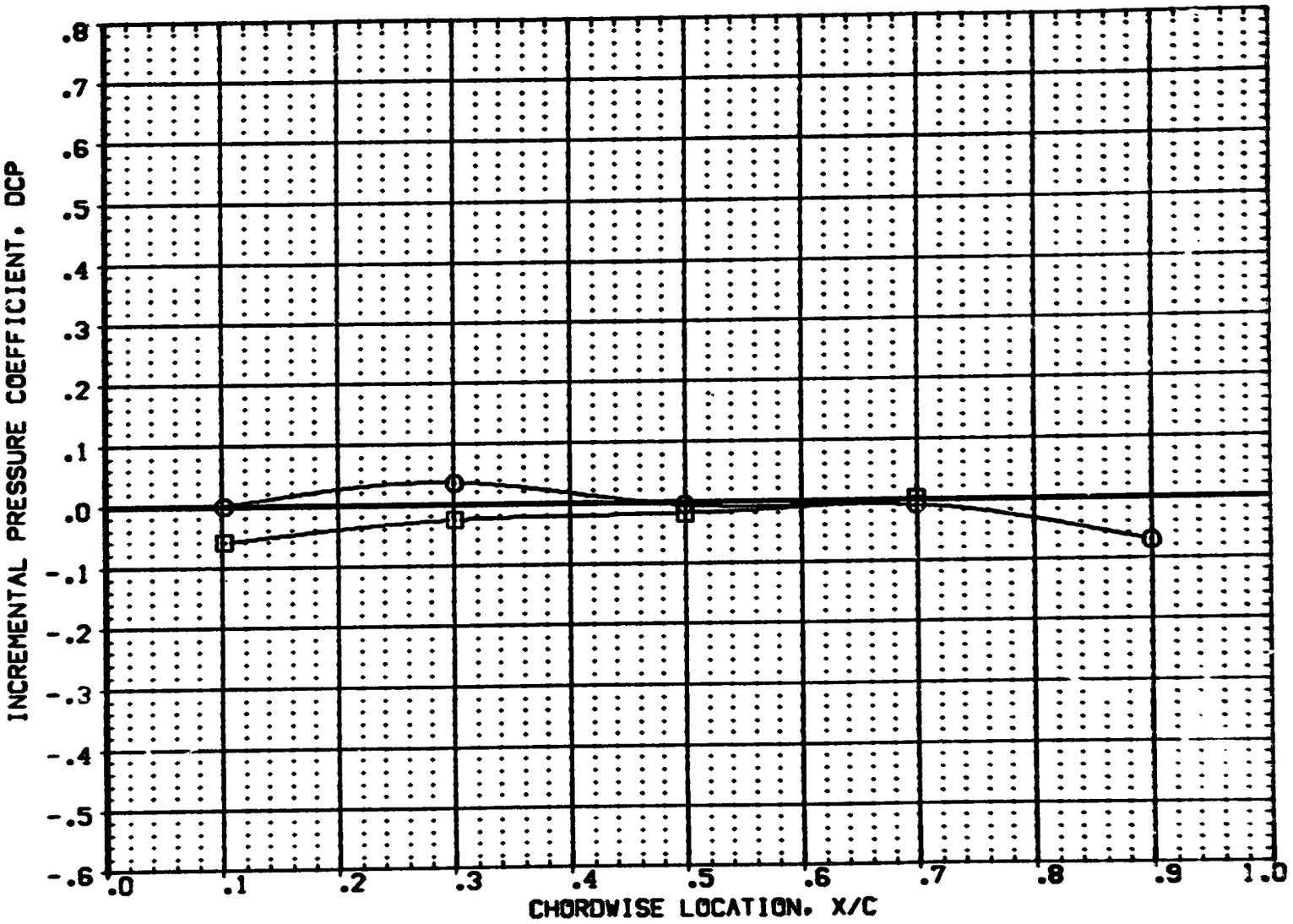

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = 1.960 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	IASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	□	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

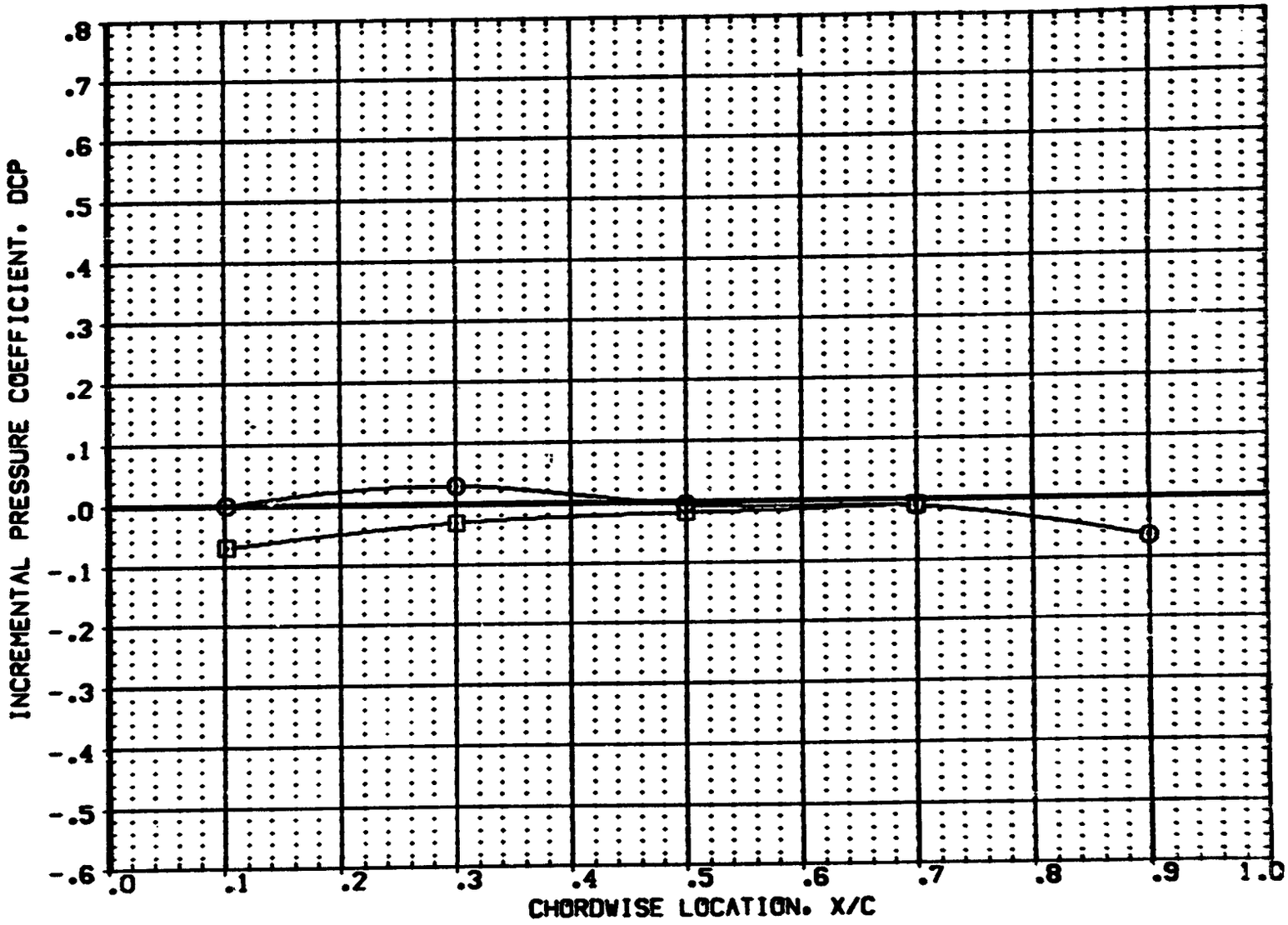

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = 3.910 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4U05)	IA6B (C1 F1 MI(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	IA6B (C1 F1 MI(1)) - (C1 F1) LOWER WING	.000

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.209 BETA = -3.860 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4LU05) ○	)ASB (C1 F1 M1[1]) - (C1 F1) UPPER WING	.000
(AF4LO05) □	)ASB (C1 F1 M1[1]) - (C1 F1) LOWER WING	.000

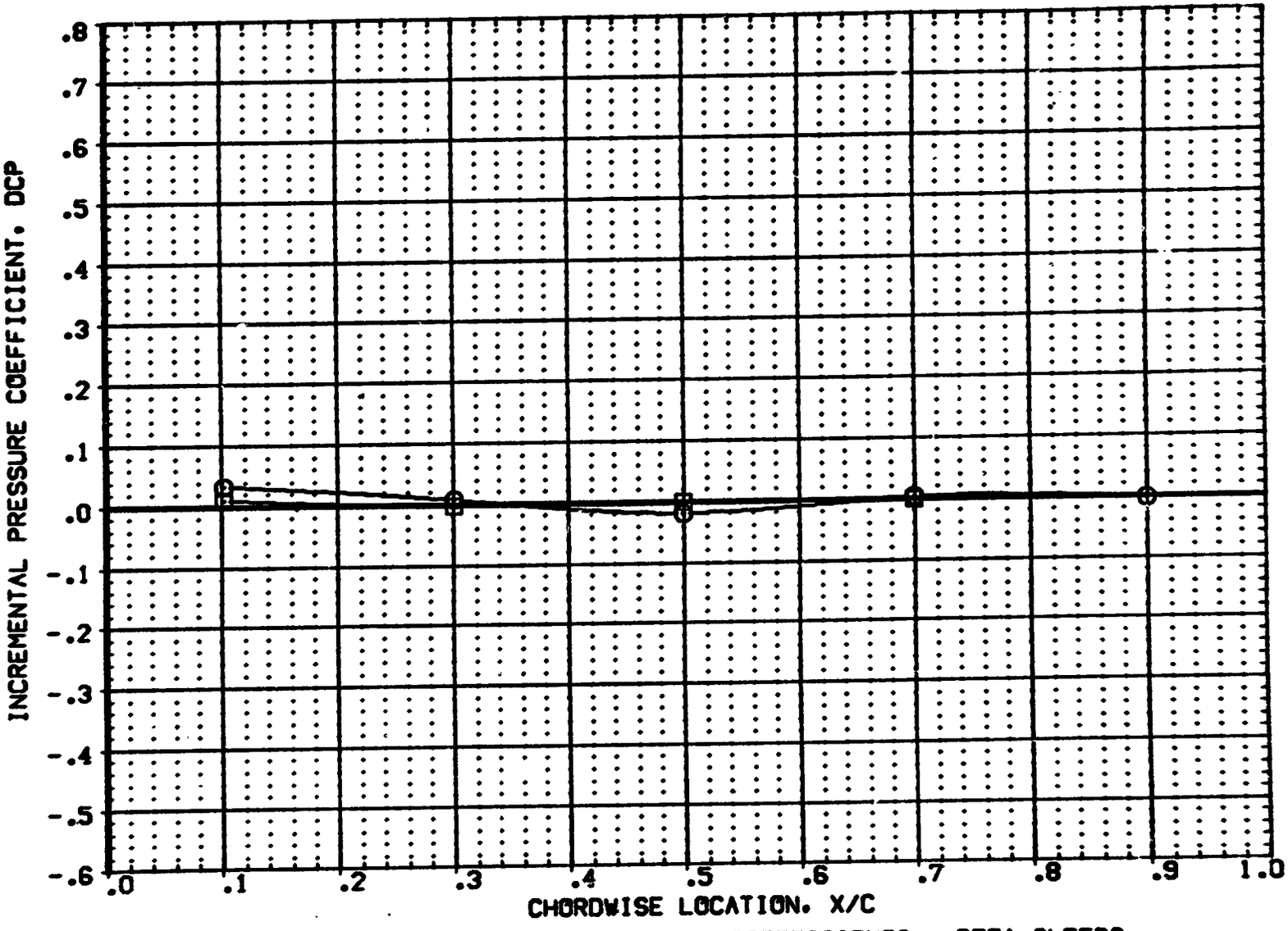

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.209 BETA = -1.950 2Y/B = .500

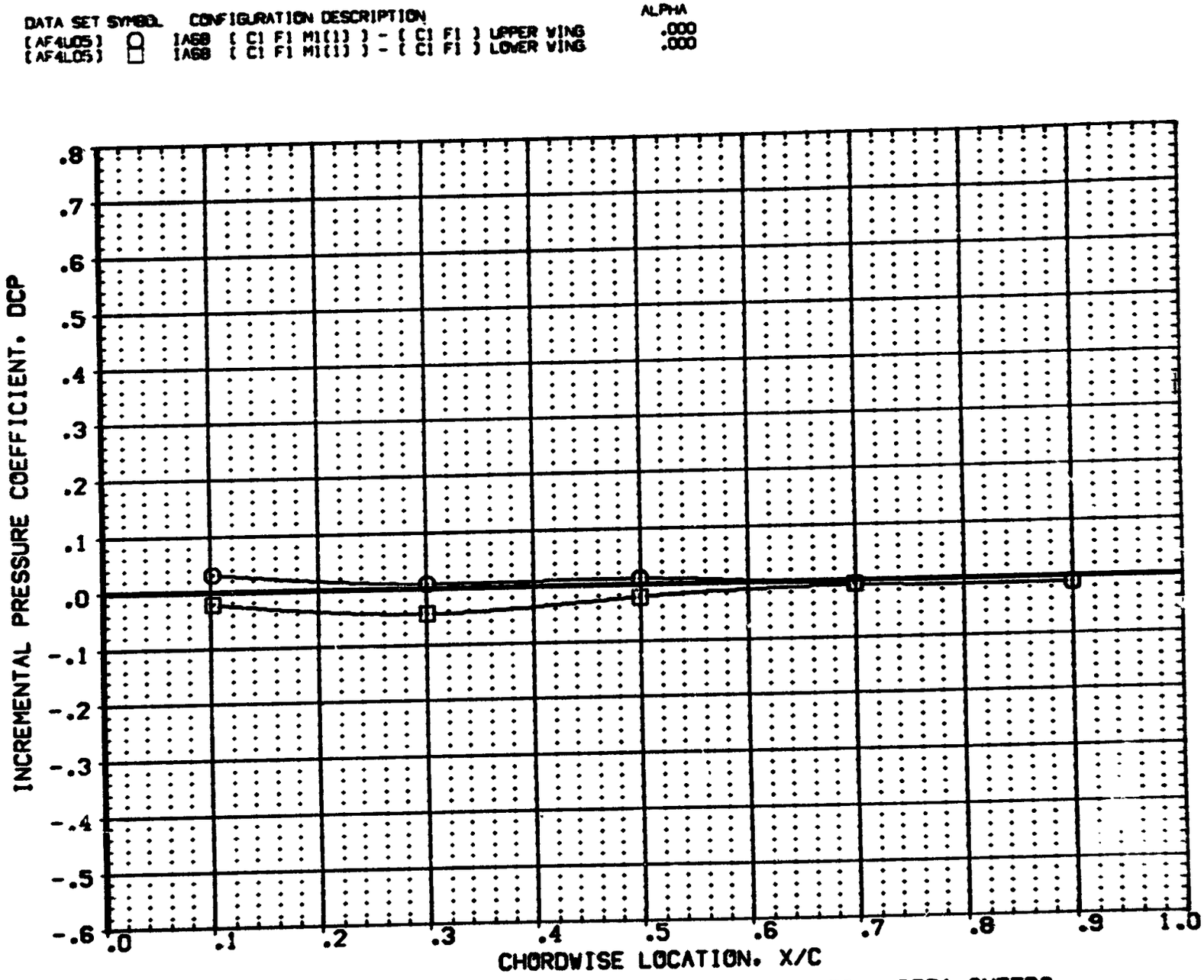

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.209 BETA = -.040 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05) ○	IASB [C1 F1 M1(1)] - [C1 F1] UPPER WING	.000
(AF4L05) □	IASB [C1 F1 M1(1)] - [C1 F1] LOWER WING	.000

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.203 BETA = 1.870 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05) ○	(AGB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05) □	(AGB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

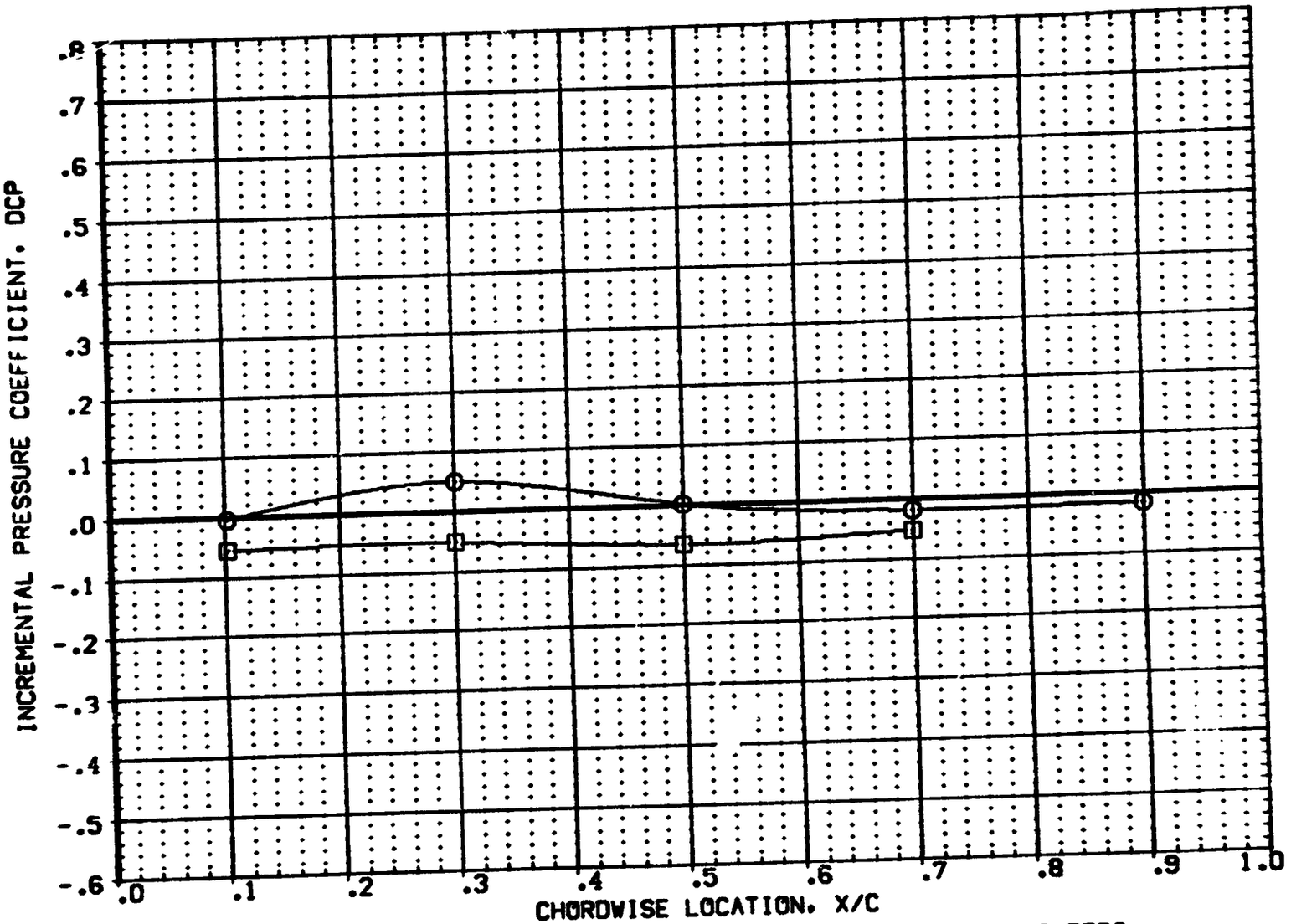

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.209 BETA = 3.920 2Y/B = .500

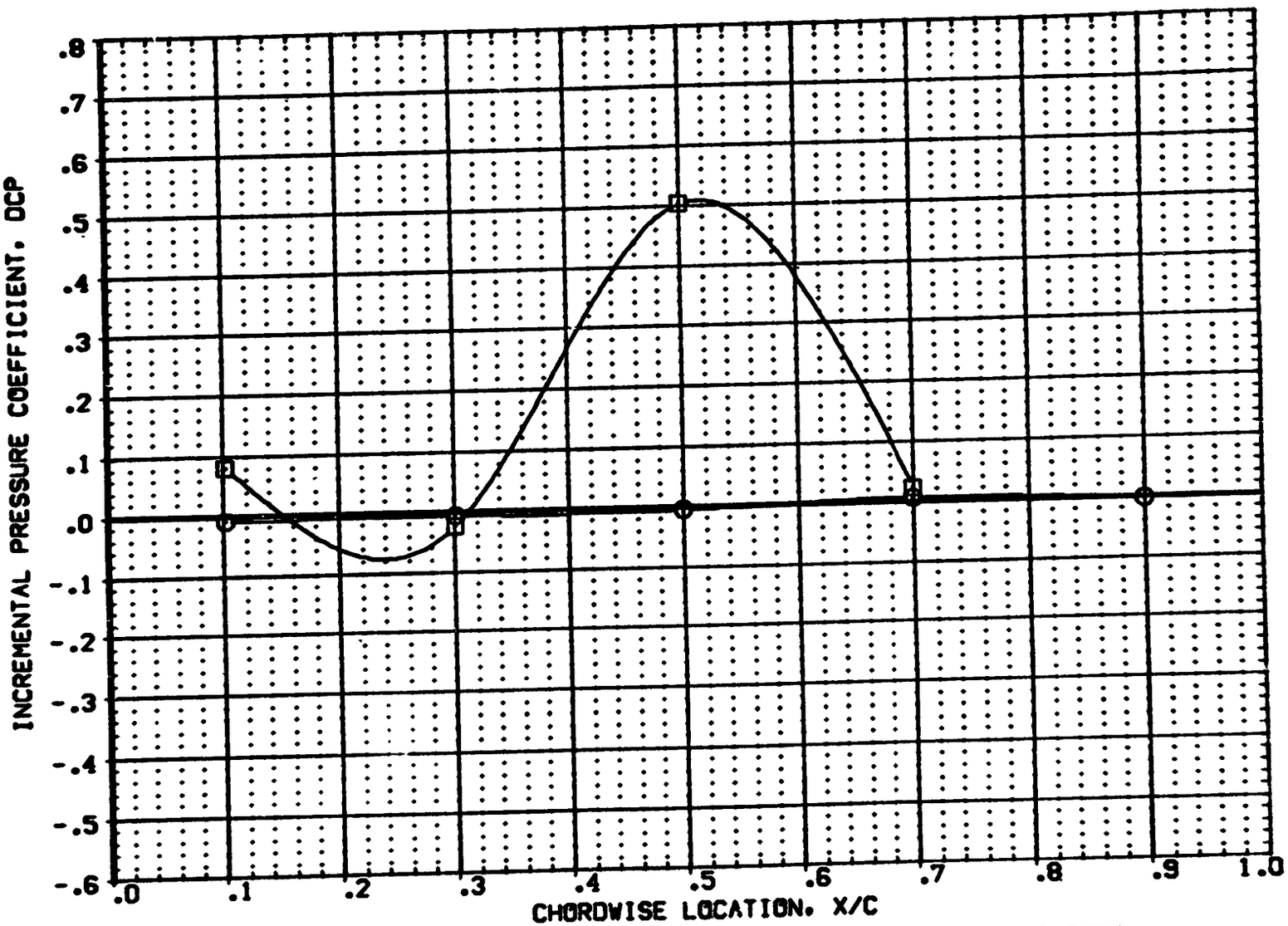

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = -3.970 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
[AF4L05]	○	IAGB [C1 F1 M1(1)] - [C1 F1] UPPER WING	.000
[AF4L05]	□	IAGB [C1 F1 M1(1)] - [C1 F1] LOWER WING	.000

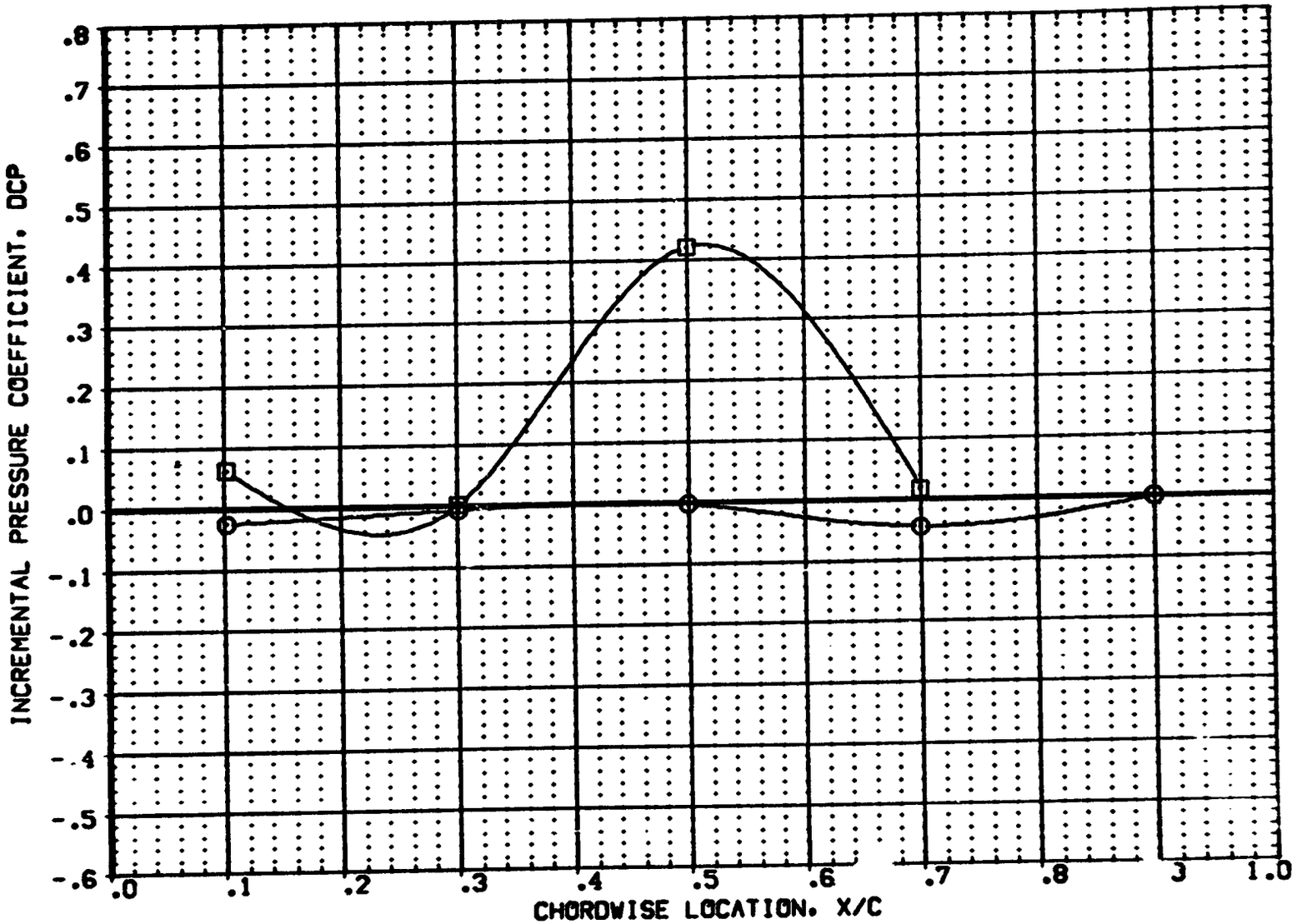

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = -2.050 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	IAGB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	IAGB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

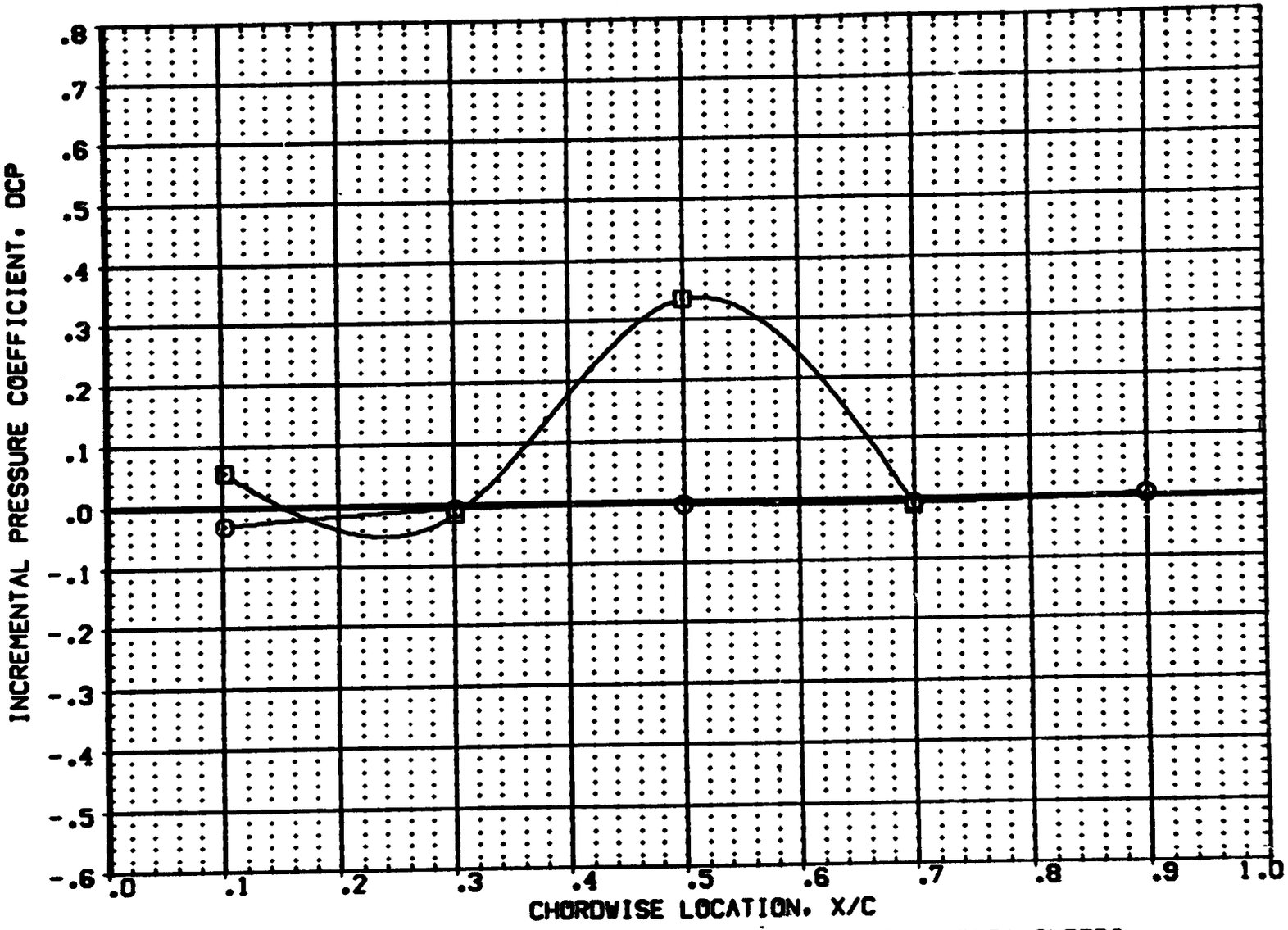

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = -.130 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	|ABB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	□	|ABB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

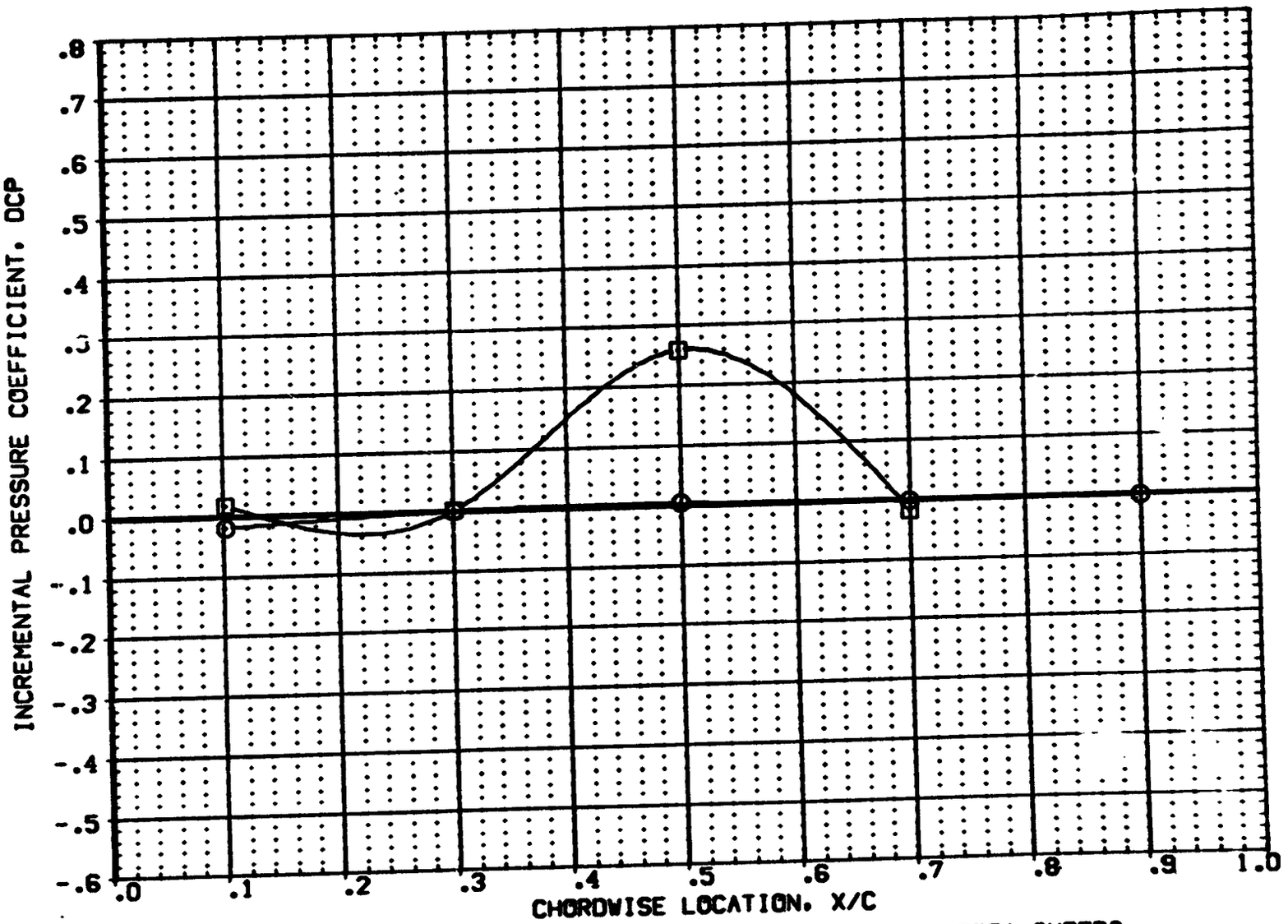

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = 1.800 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	IAGB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05)	□	IAGB (CI FI MI(1)) - (CI FI) LOWER WING	.000

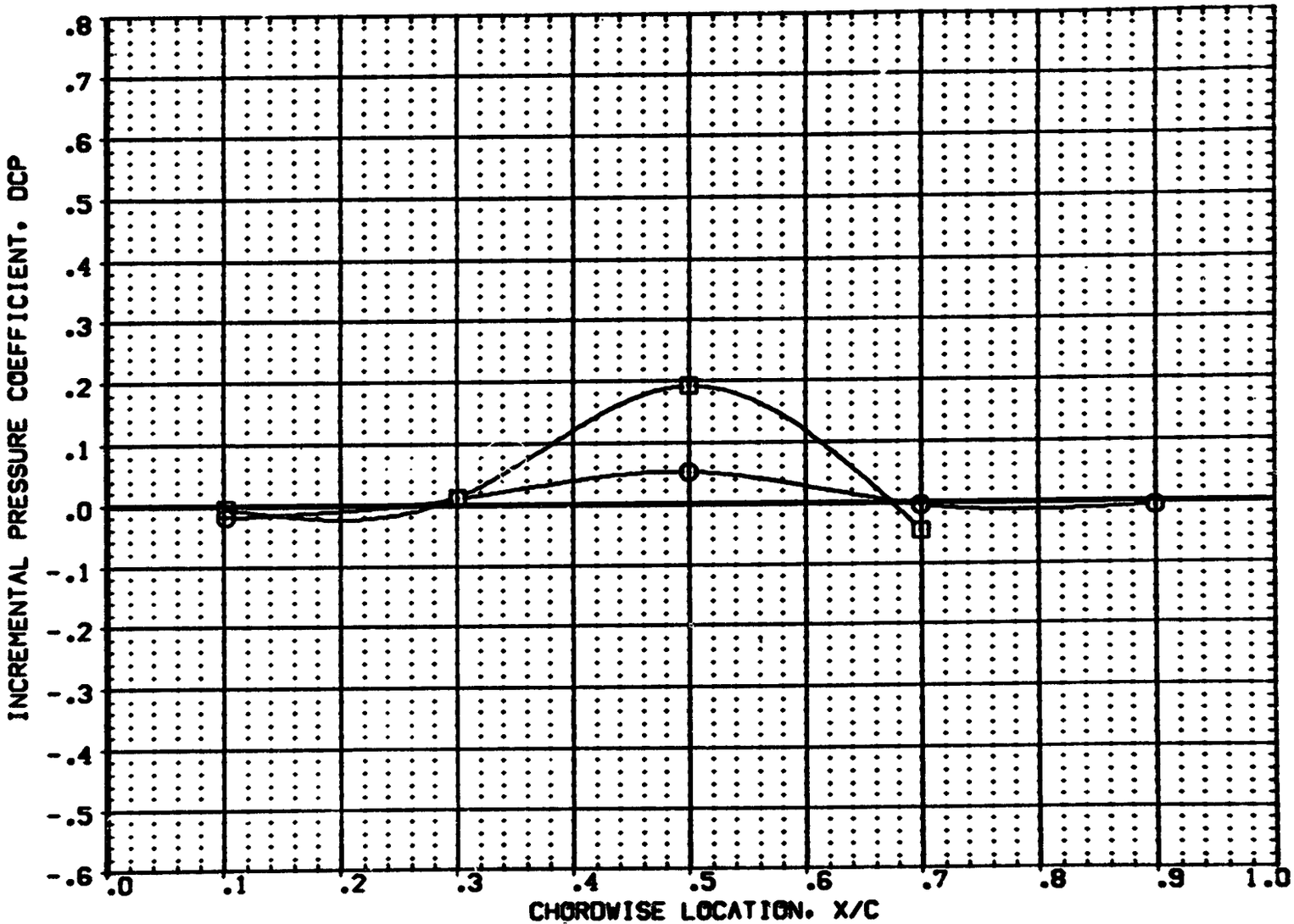

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = 3.840 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	!A6B (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	□	!A6B (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

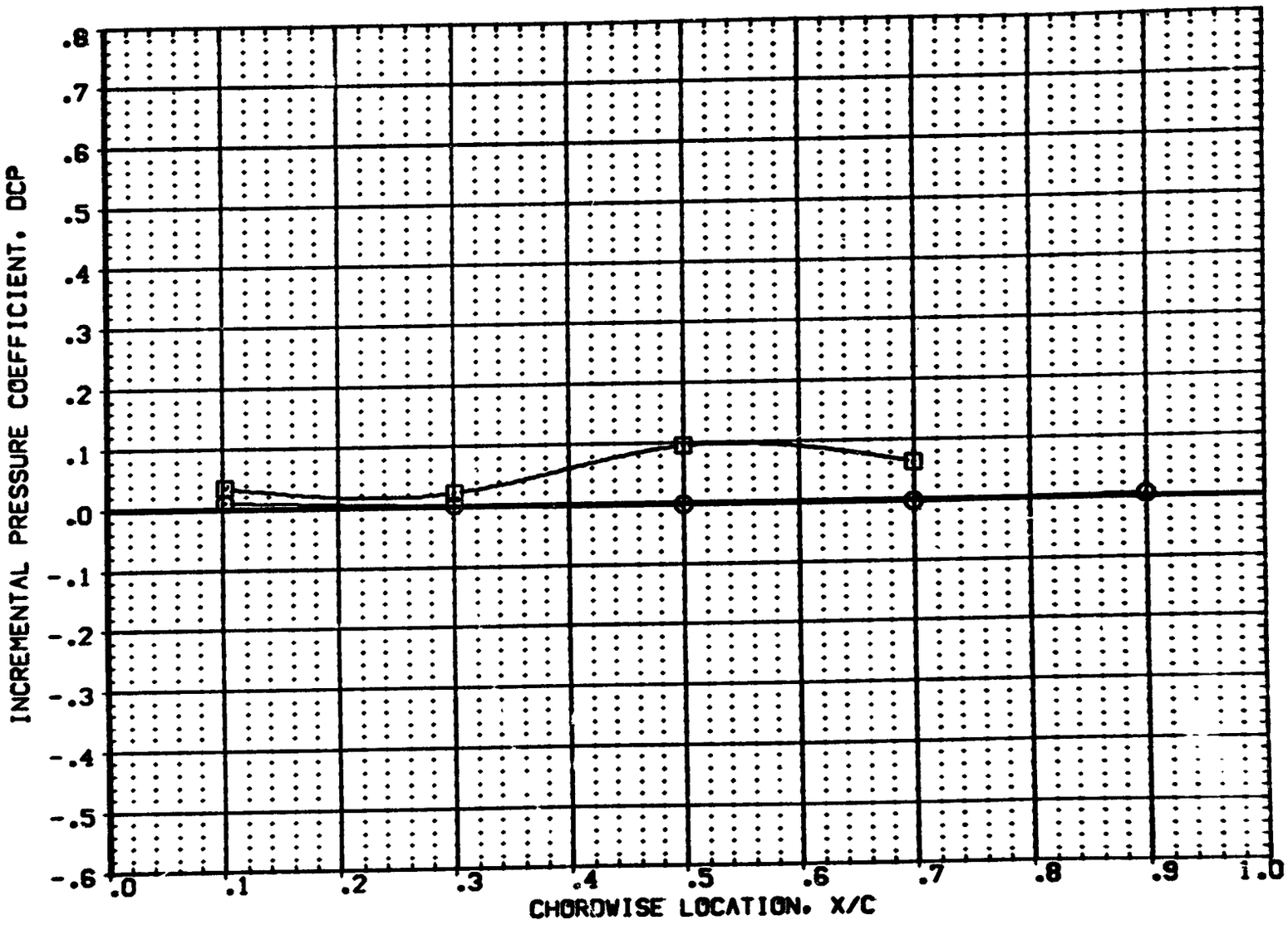

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -3.790 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05) ○	IAGB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05) □	IAGB (CI FI MI(1)) - (CI FI) LOWER WING	.000

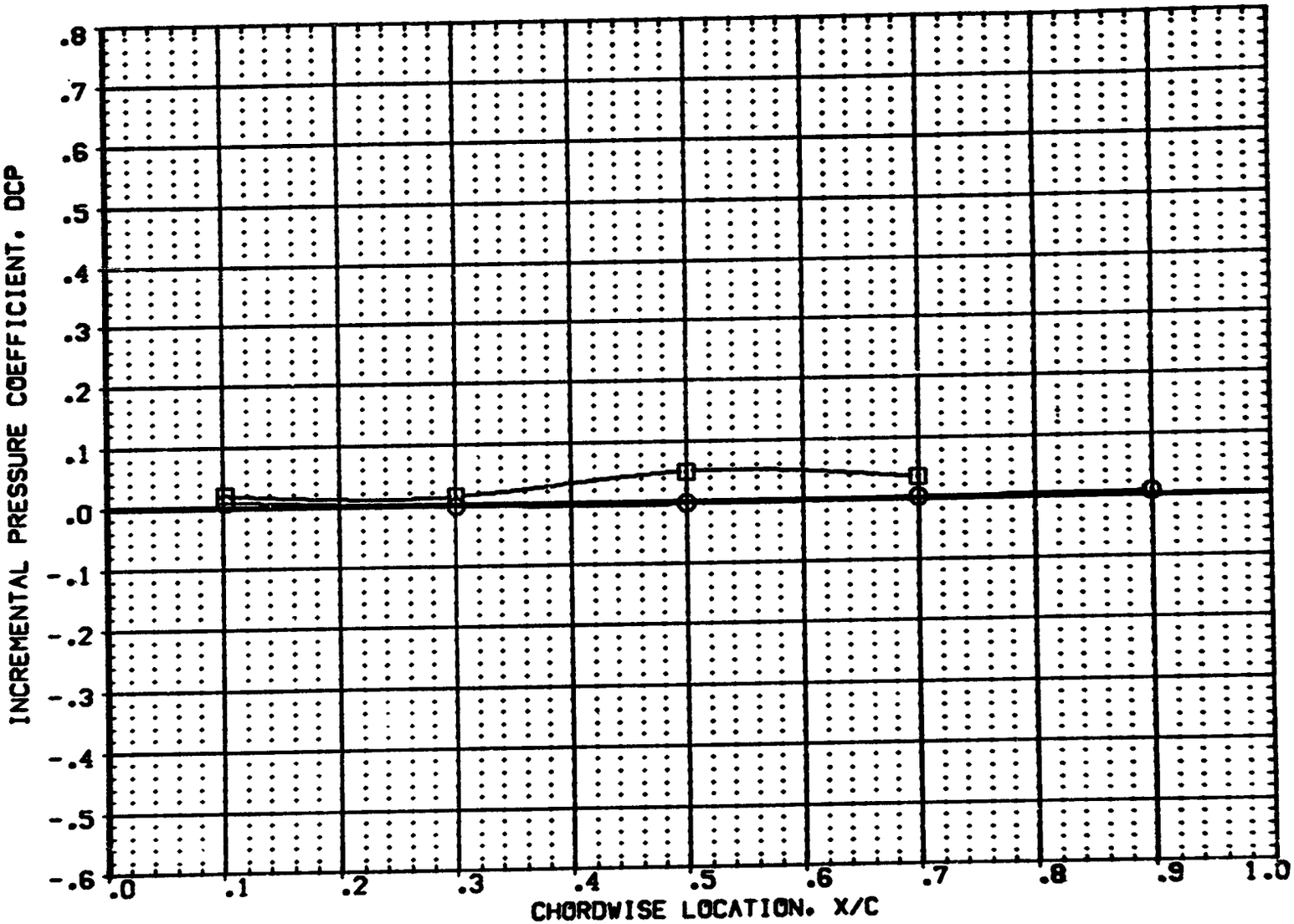

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -1.870 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	1A68 (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	□	1A68 (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -.010 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05) ⊡	!ASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05) ⊟	!ASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = 1.950 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4L05]	○	IAGB [CI FI MI(1)] - [CI FI] UPPER WING	.000
[AF4L05]	□	IAGB [CI FI MI(1)] - [CI FI] LOWER WING	.000

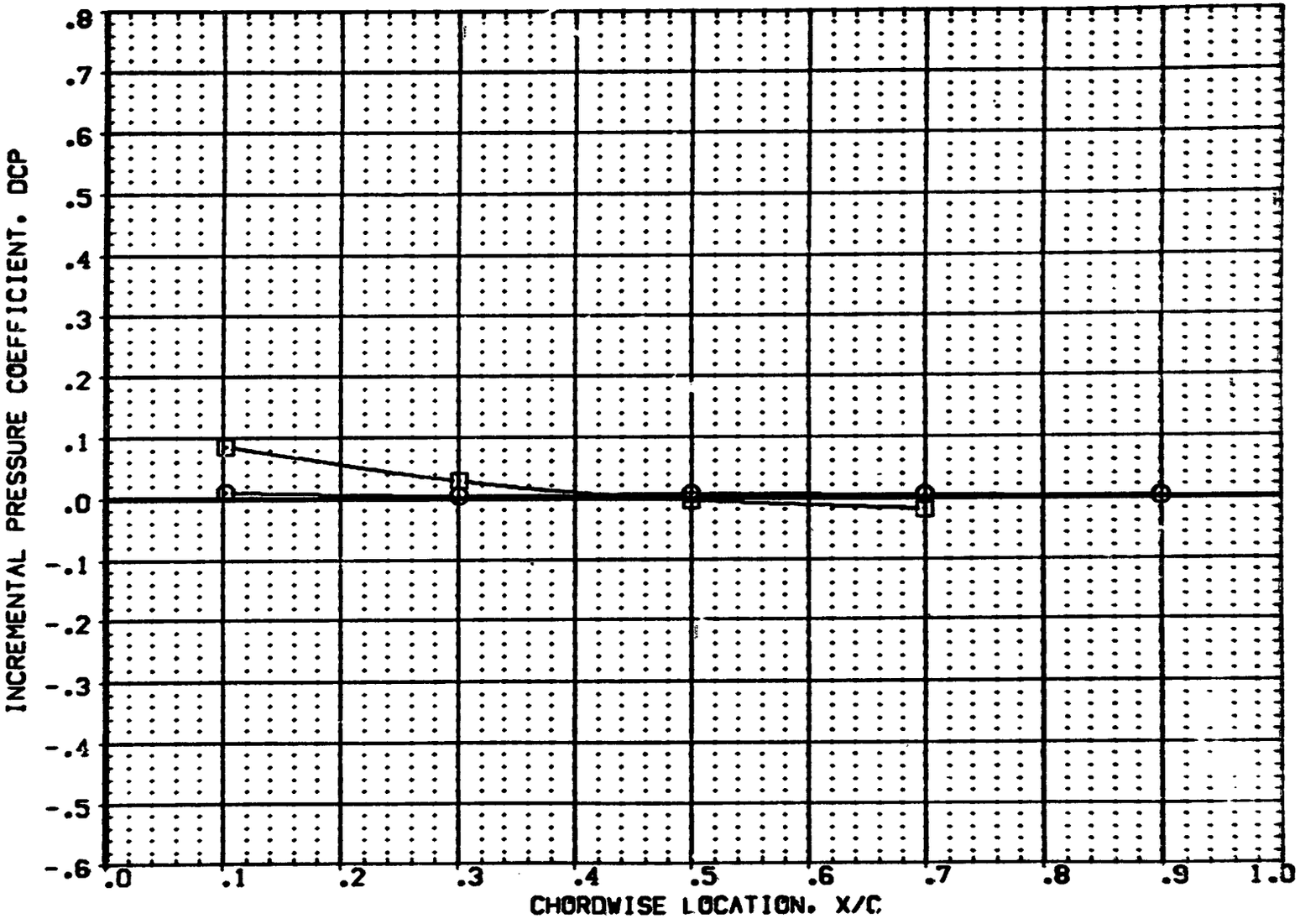

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .991 BETA = 3.790 2Y/B = .500

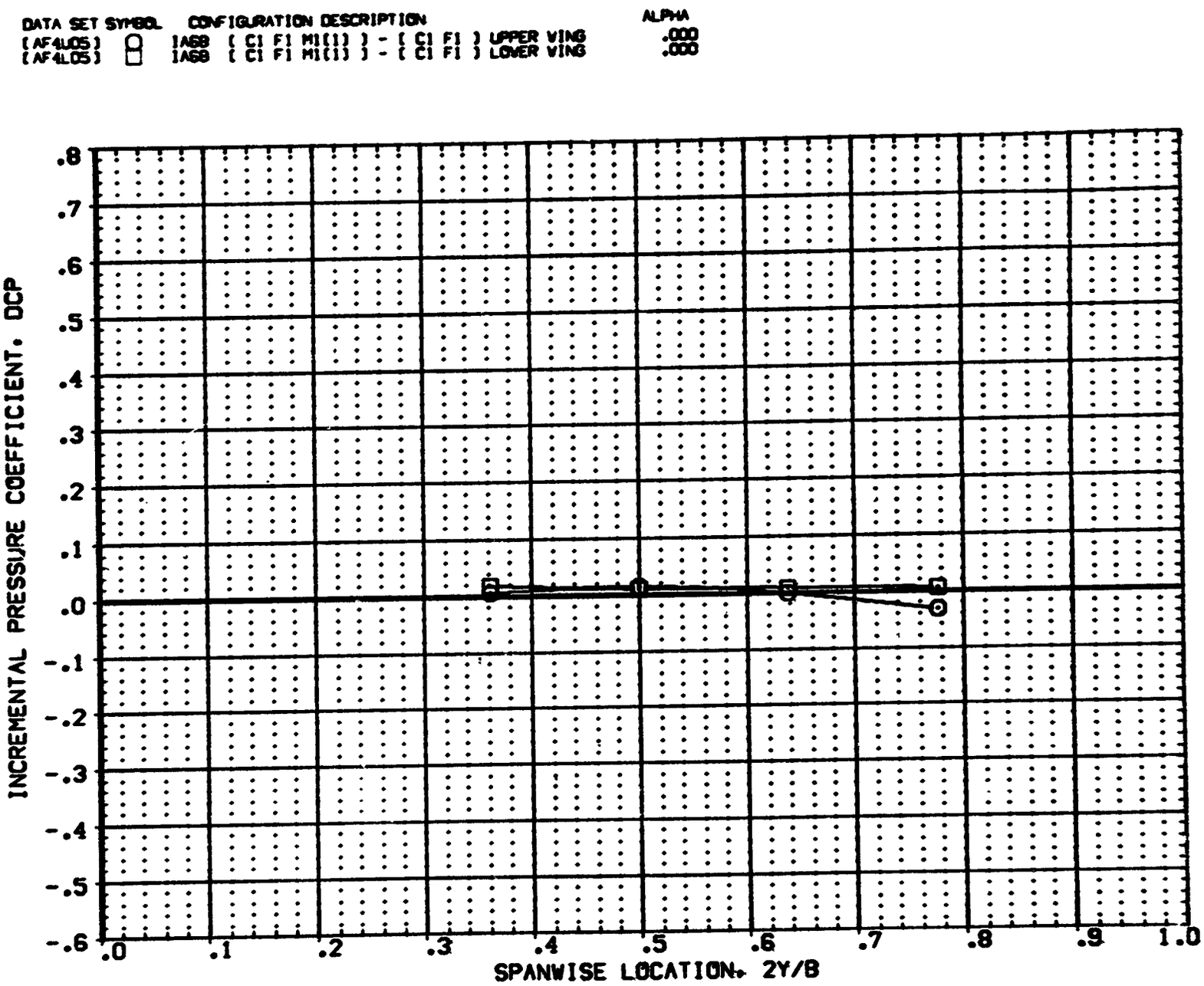

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -3.860 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	IAGB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	□	IAGB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

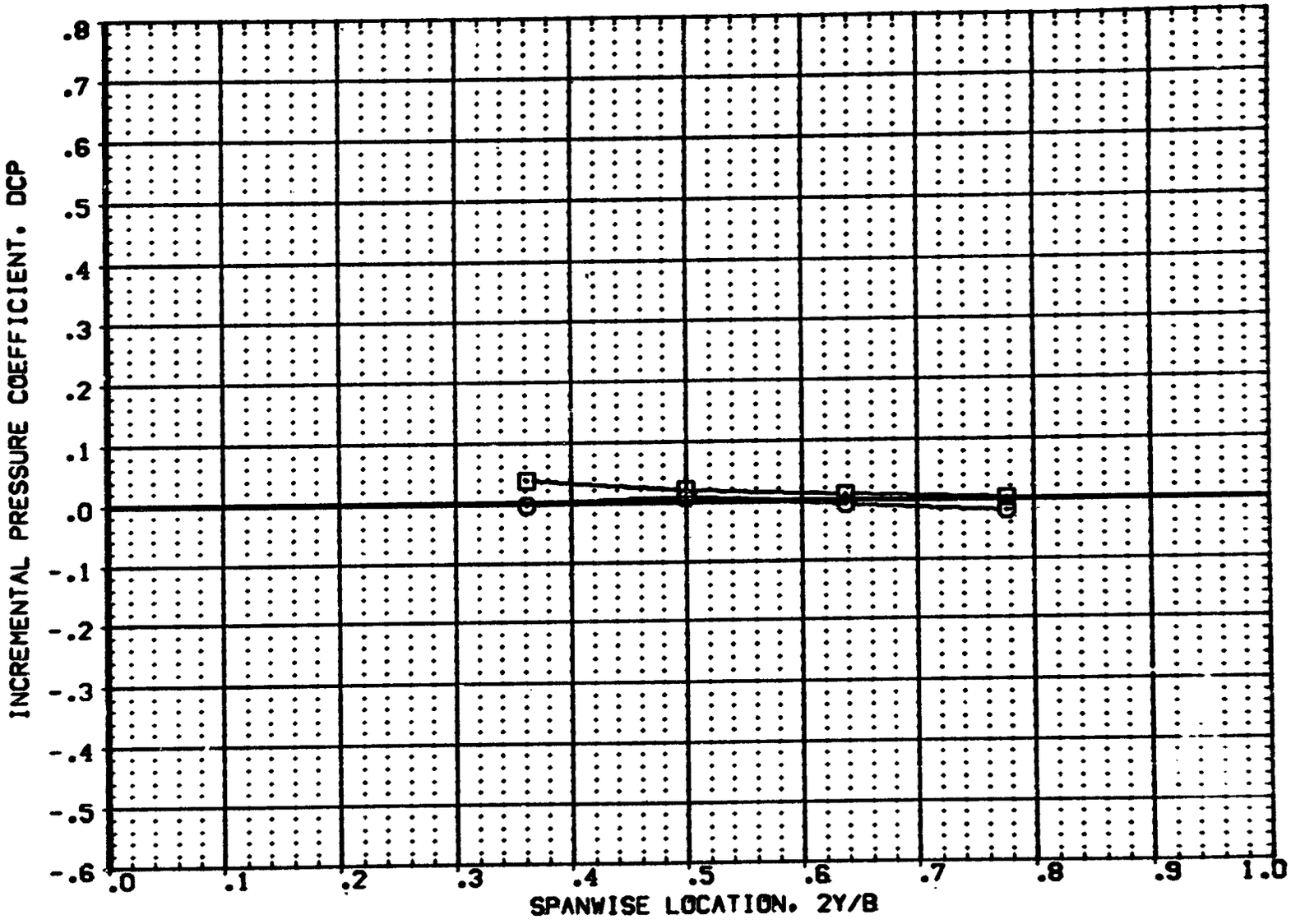

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -1.880 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	!AGB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	□	!AGB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

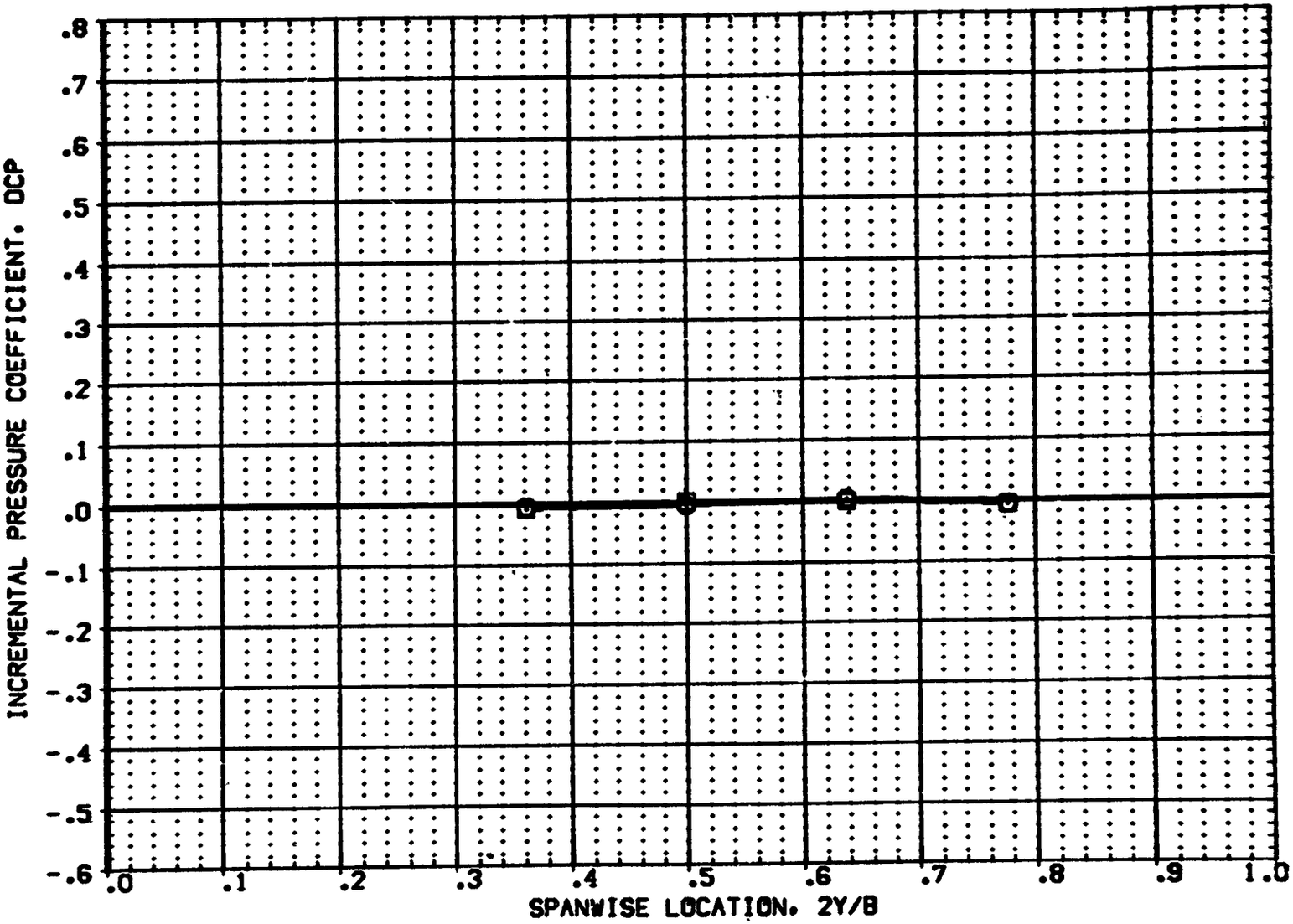

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = .030 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4U05)	IASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05)	IASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

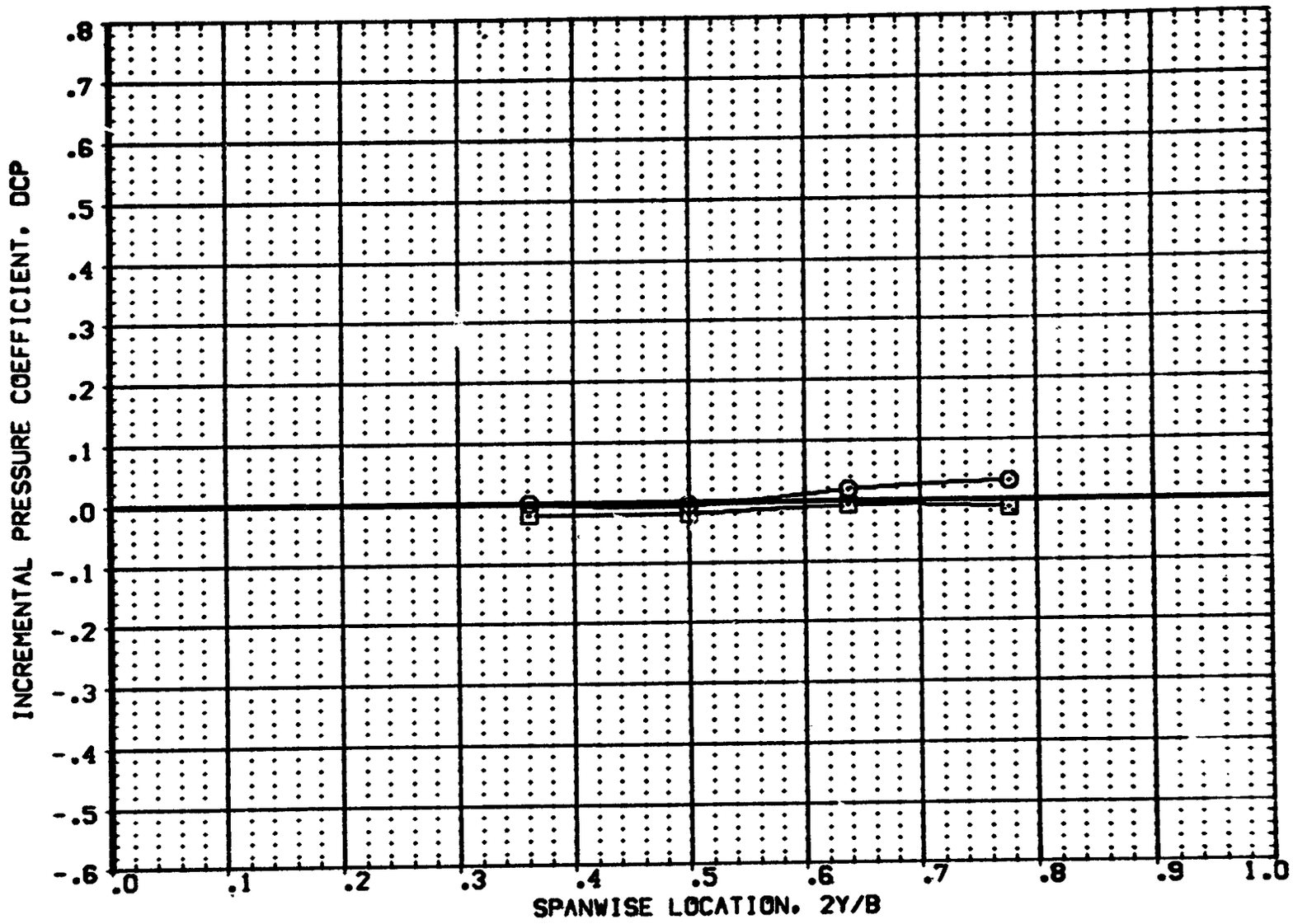

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = 1.960 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	IASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05)	□	IASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

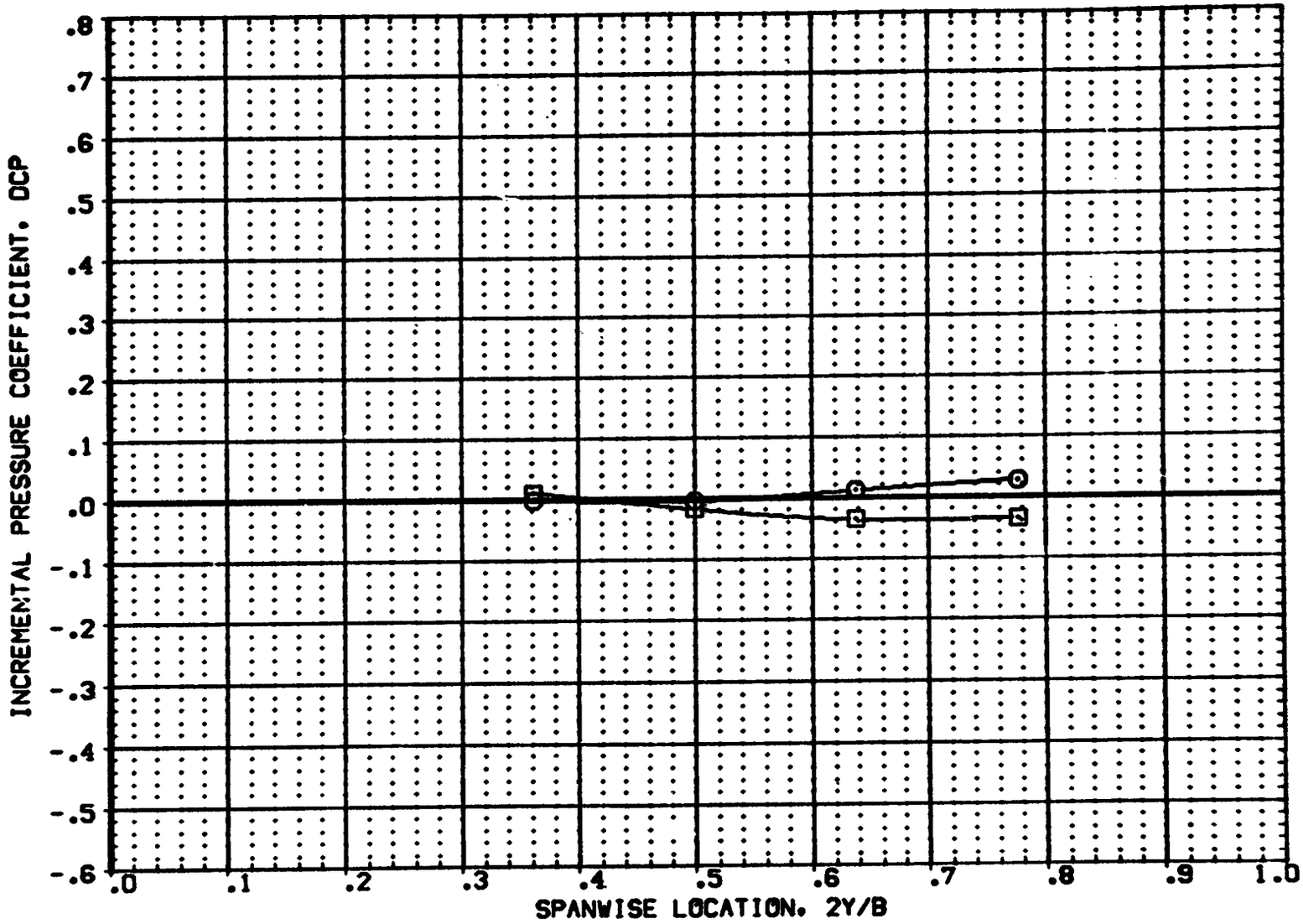

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = 3.910 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	□	IASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05)	□	IASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

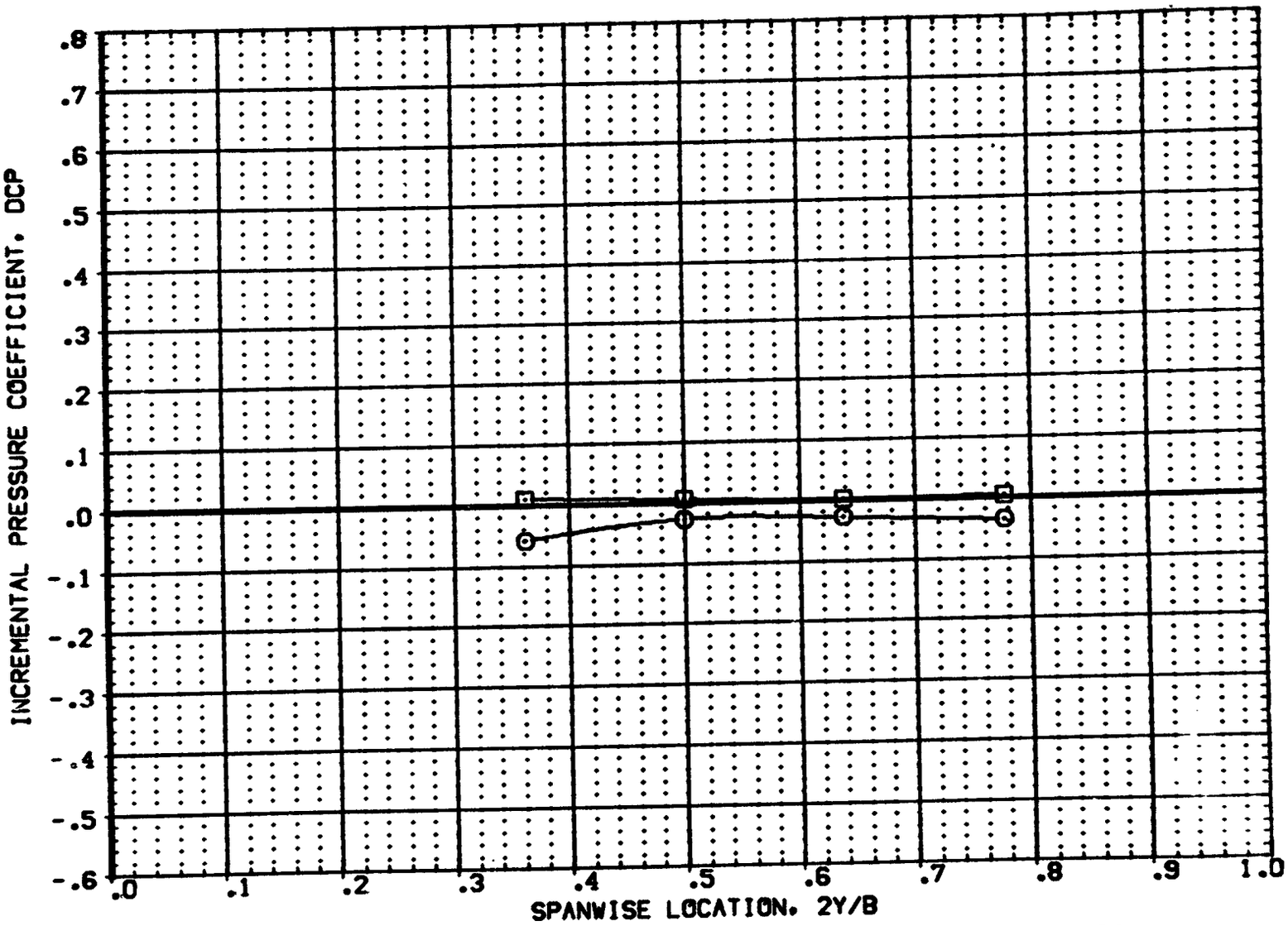

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.209 BETA = -3.860 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05) ○	IAGB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05) □	IAGB (CI FI MI(1)) - (CI FI) LOWER WING	.000

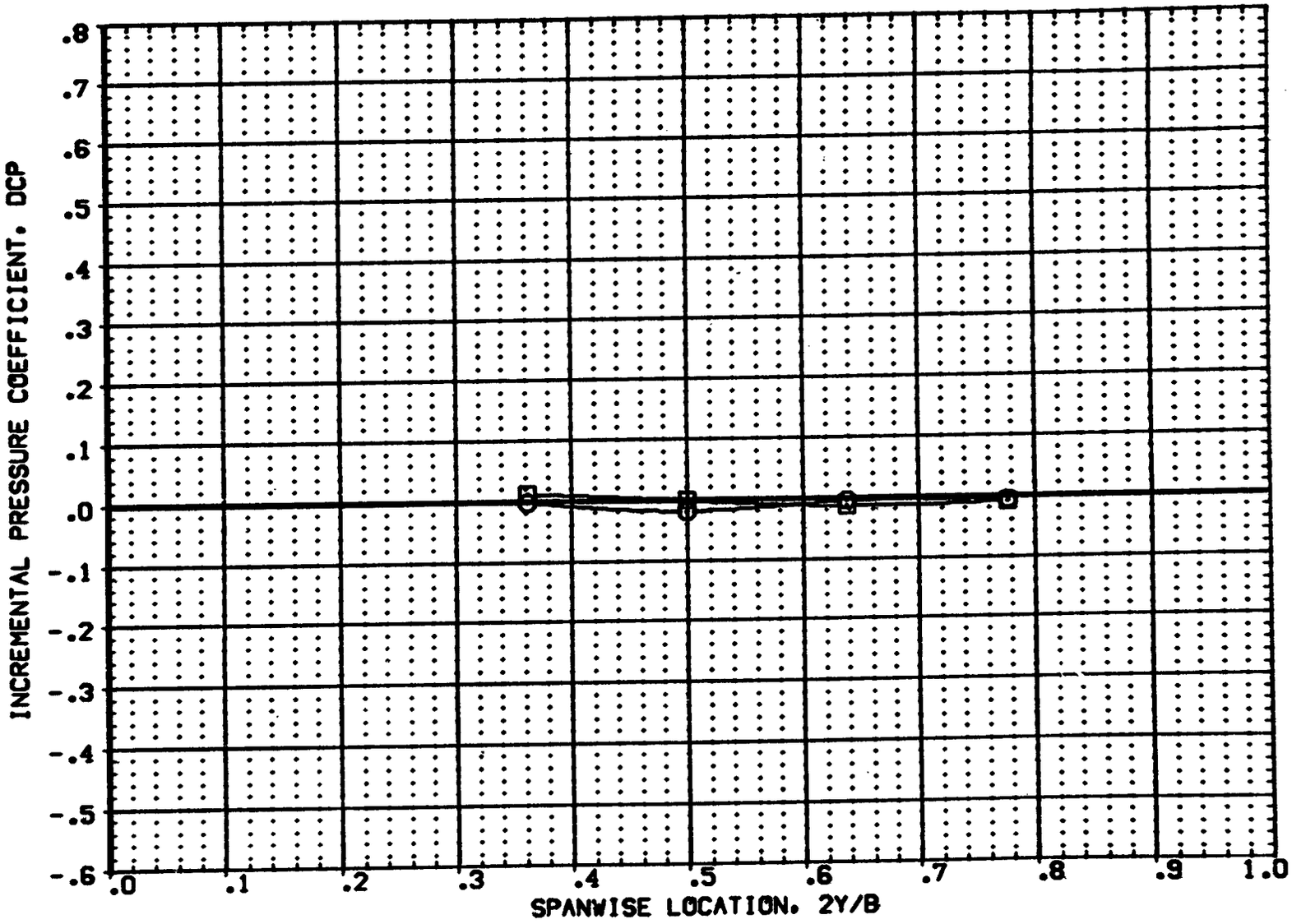

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.209 BETA = -1.950 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05) ○	IAGB [CI FI MI(1)] - [CI FI] UPPER WING	.000
(AF4L05) □	IAGB [CI FI MI(1)] - [CI FI] LOWER WING	.000

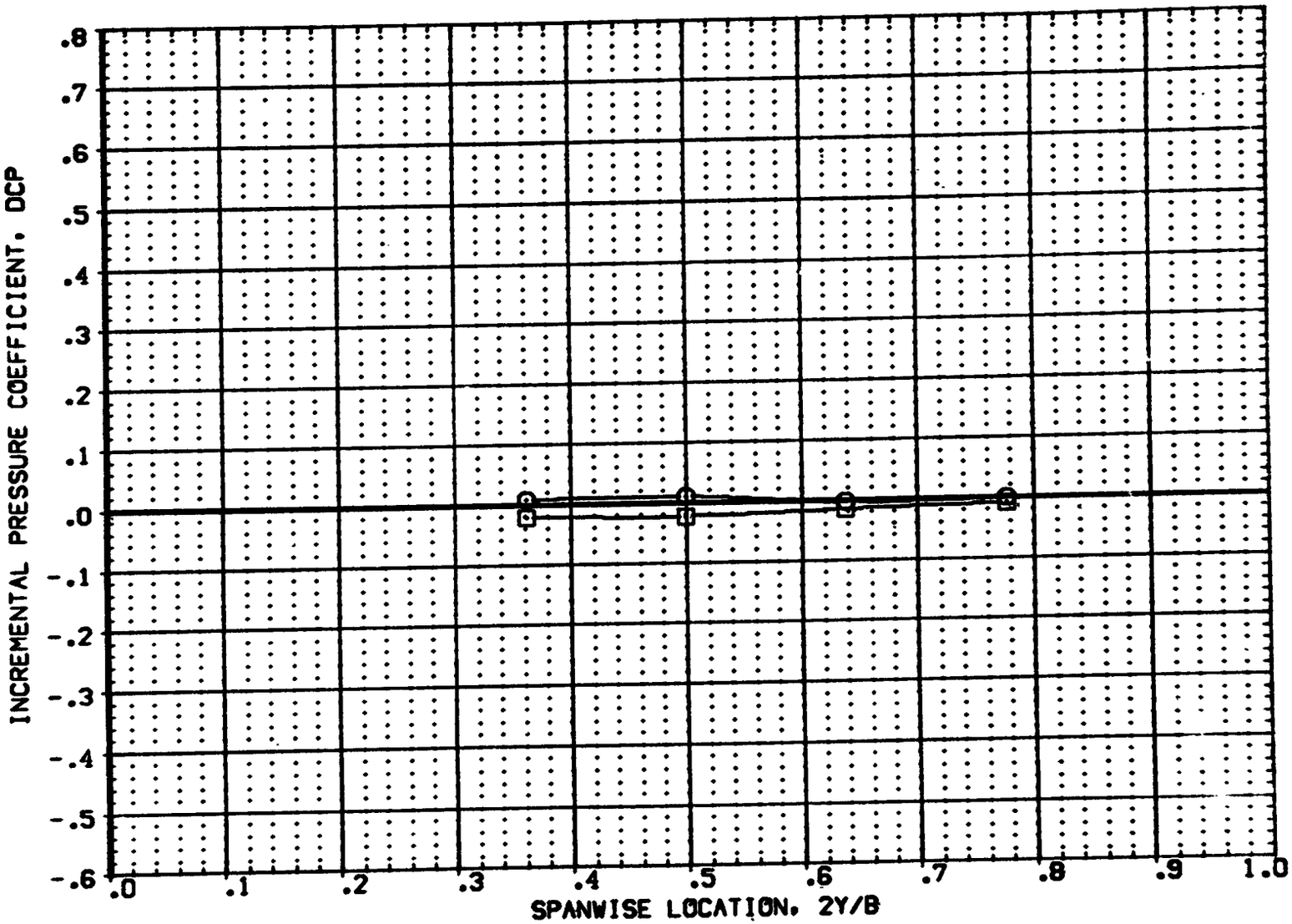

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.209 BETA = -.040 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	IASB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05)	IASB (CI FI MI(1)) - (CI FI) LOWER WING	.000

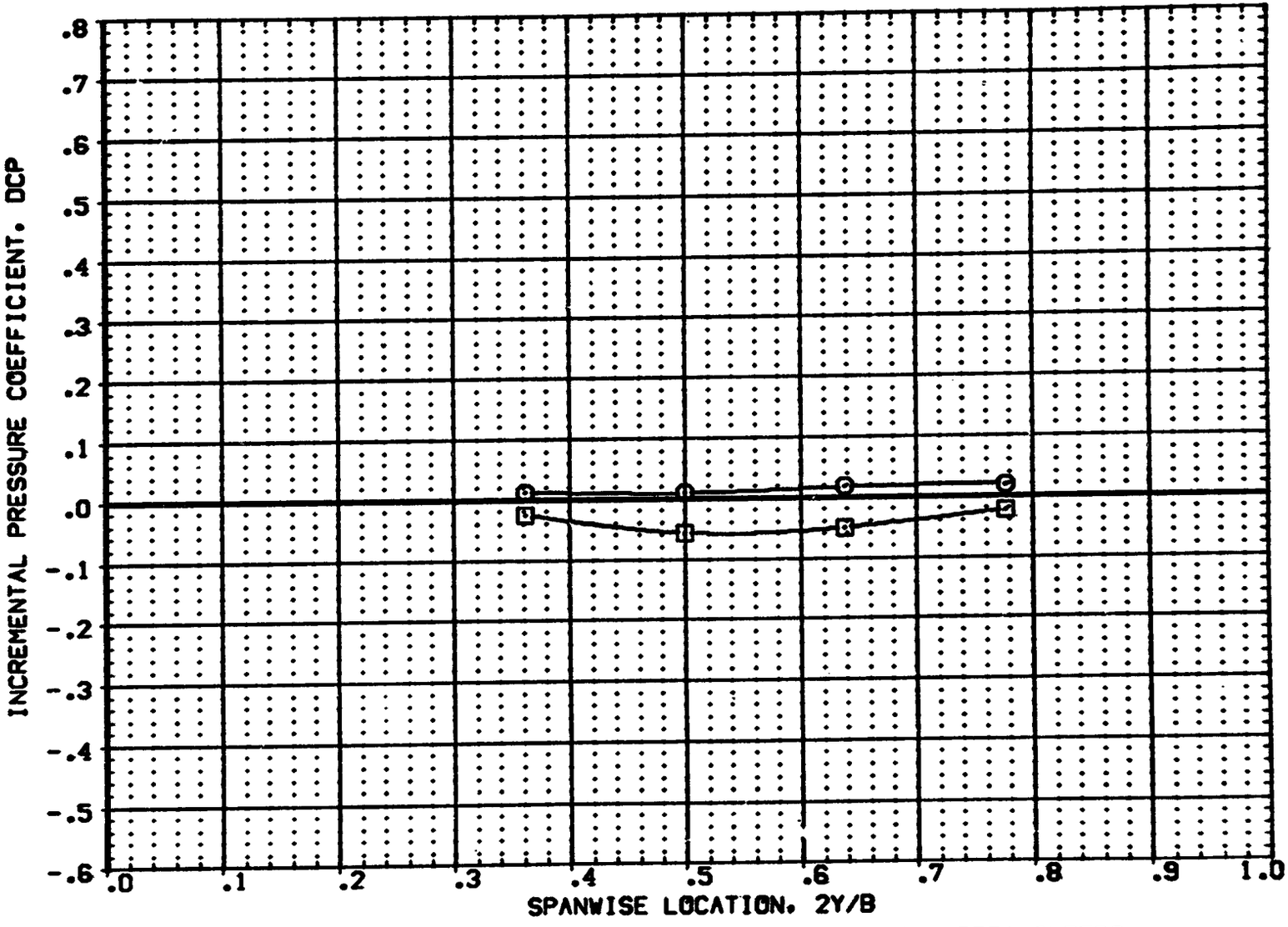

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.209 BETA = 1.870 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05) ○	IA6B (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05) □	IA6B (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

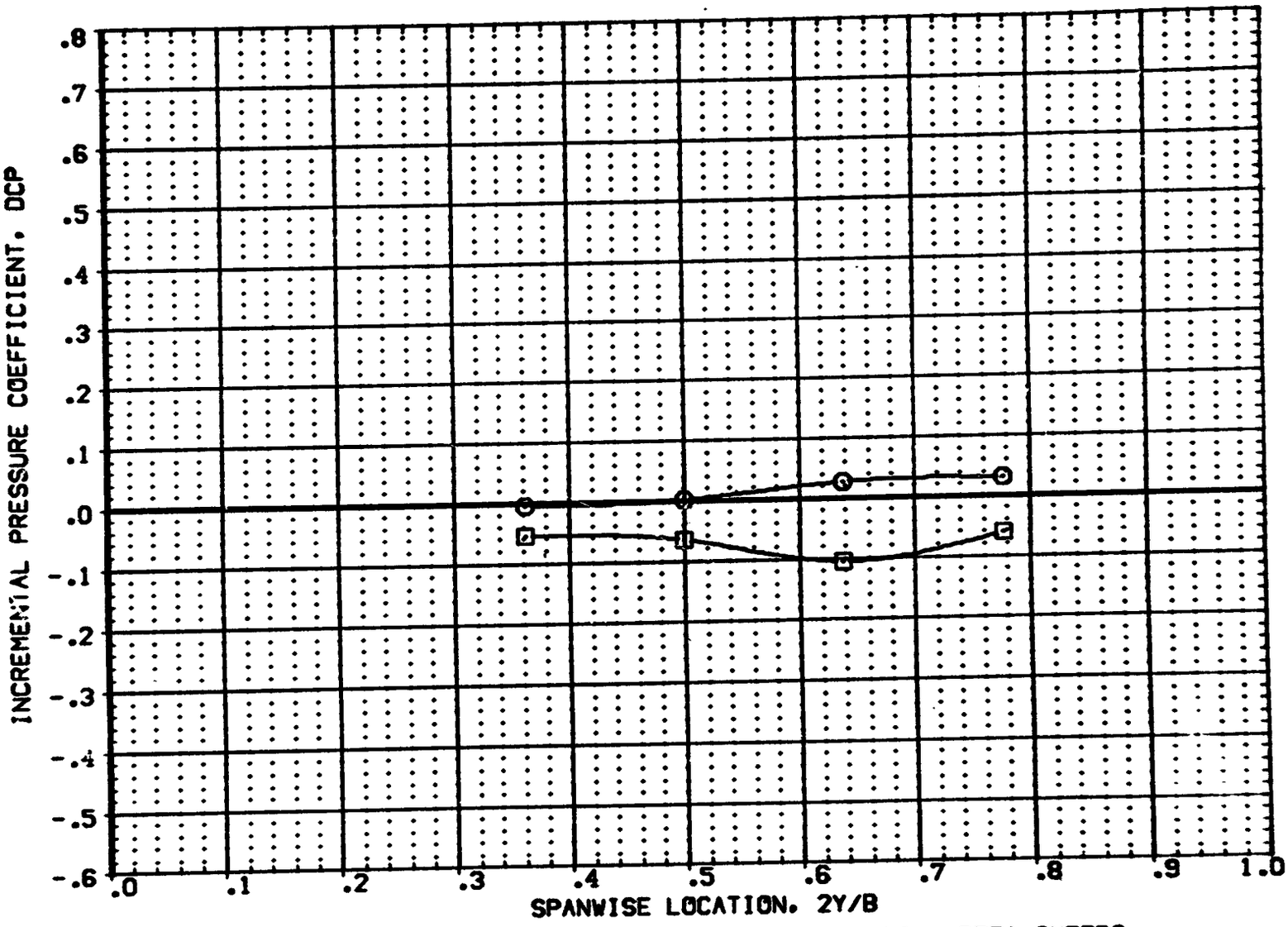

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.209 BETA = 3.920 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4L05]	☐	[A6B [C1 F1 M1(1)] - [C1 F1] UPPER WING	.000
[AF4L05]	⊟	[A6B [C1 F1 M1(1)] - [C1 F1] LOWER WING	.000

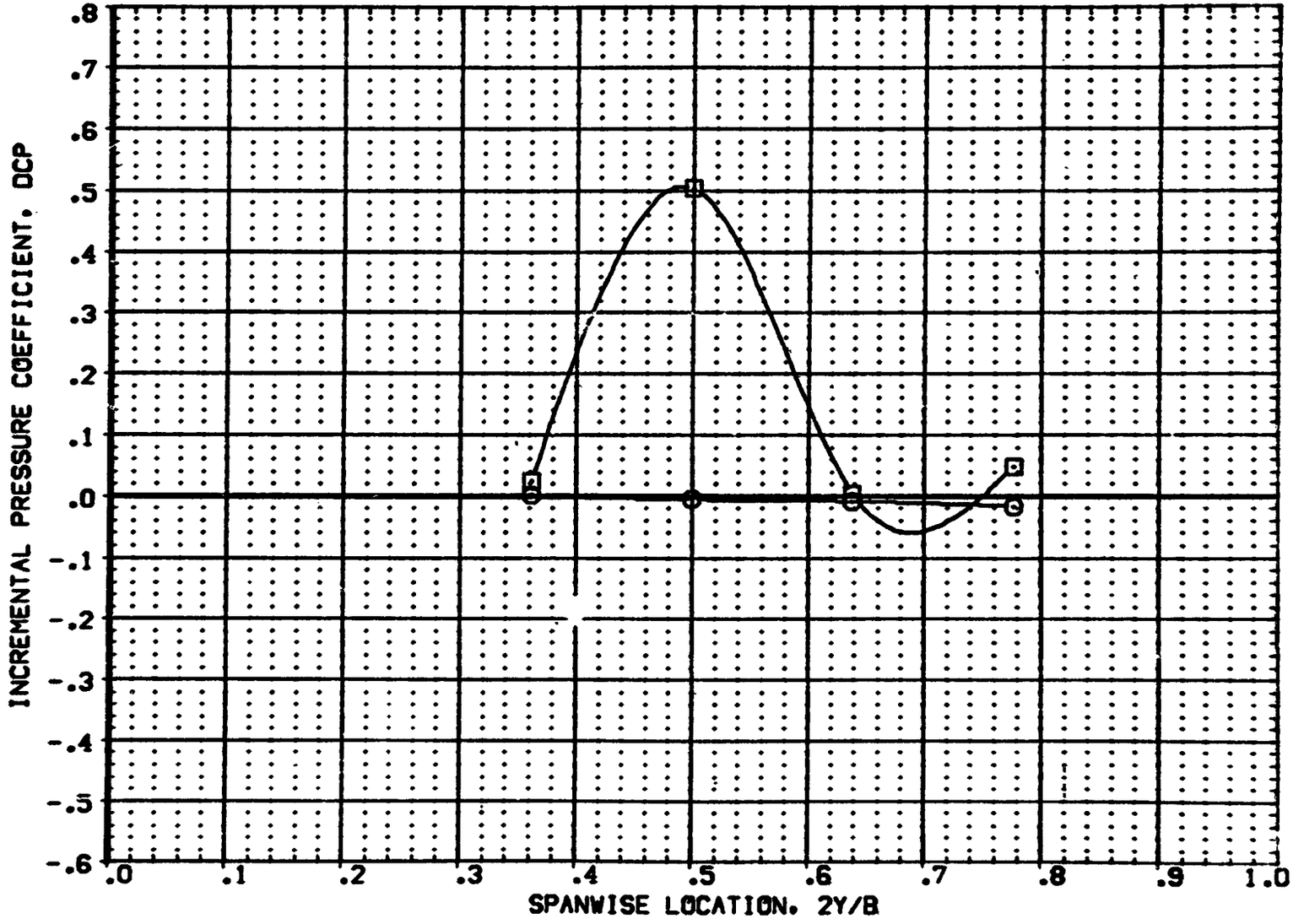

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = -3.970 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	!A6B (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	!A6B (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

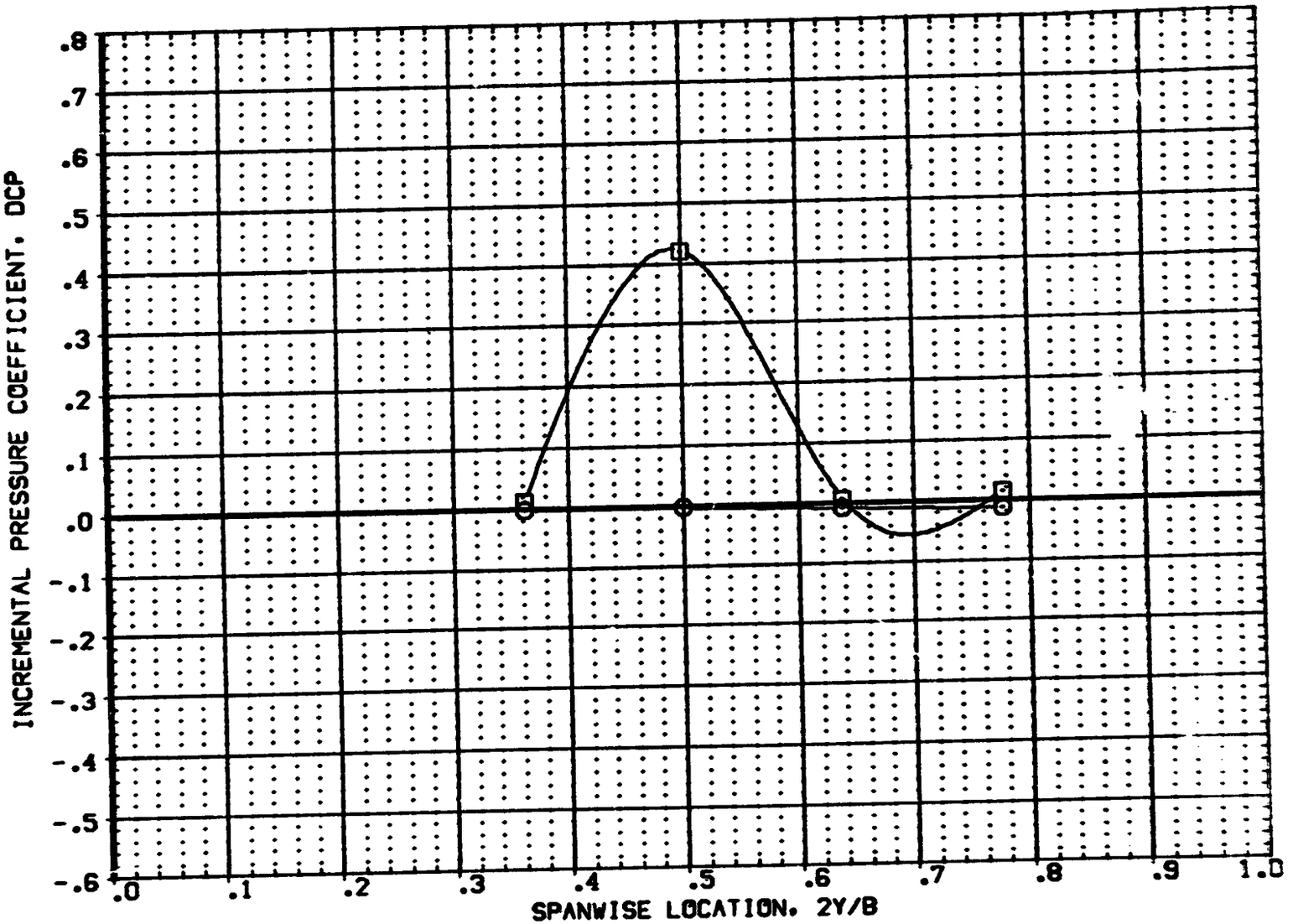

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = -2.050 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	IAGB (CI FI MI(1)) - (CI FI) UPPER WING	.000
(AF4L05)	IAGB (CI FI MI(1)) - (CI FI) LOWER WING	.000

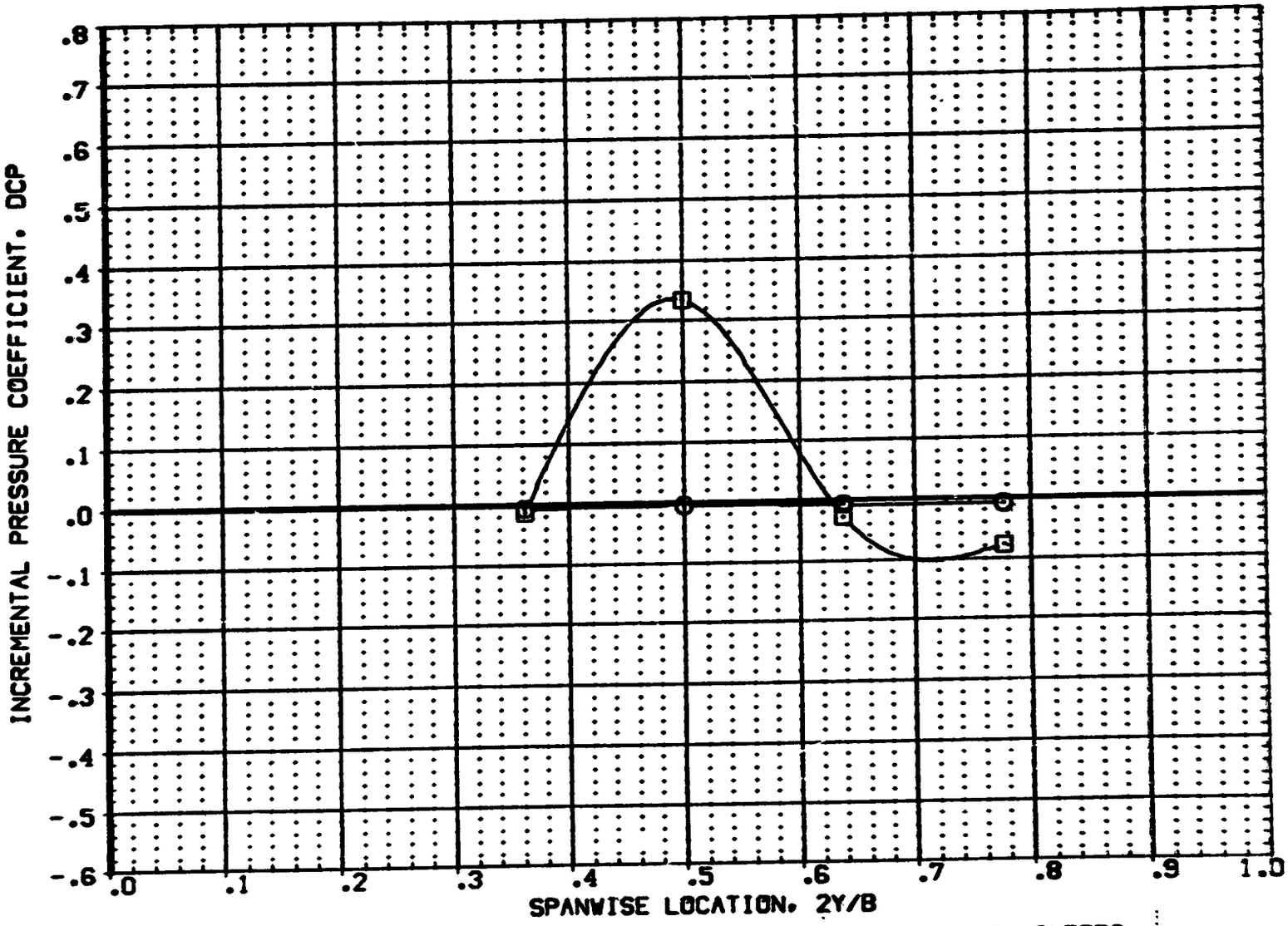

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = -.130 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4U05)	○	IA68 (C1 F1 M1[1]) - (C1 F1) UPPER WING	.000
(AF4L05)	□	IA68 (C1 F1 M1[1]) - (C1 F1) LOWER WING	.000

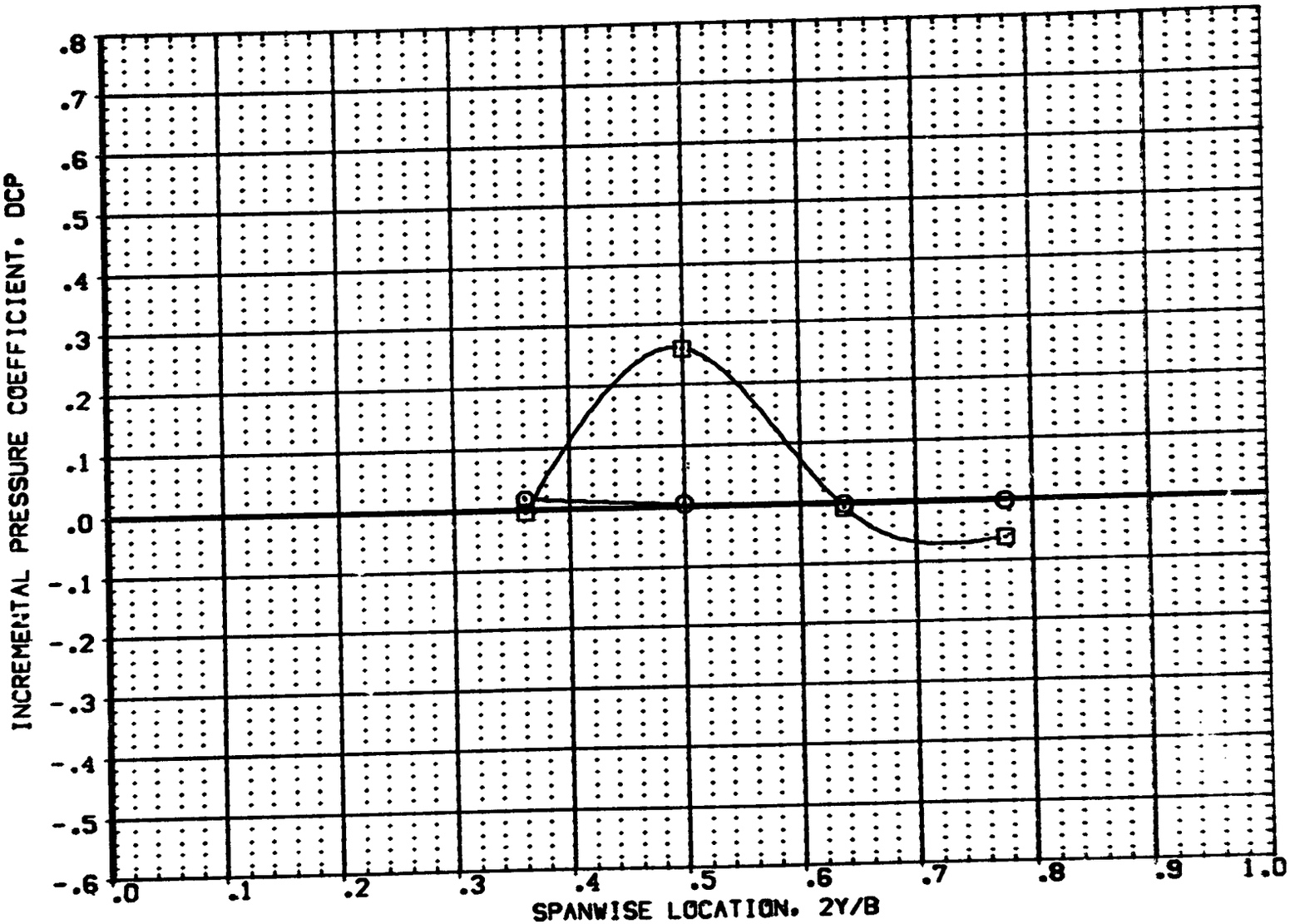

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = 1.800 X/C = .500

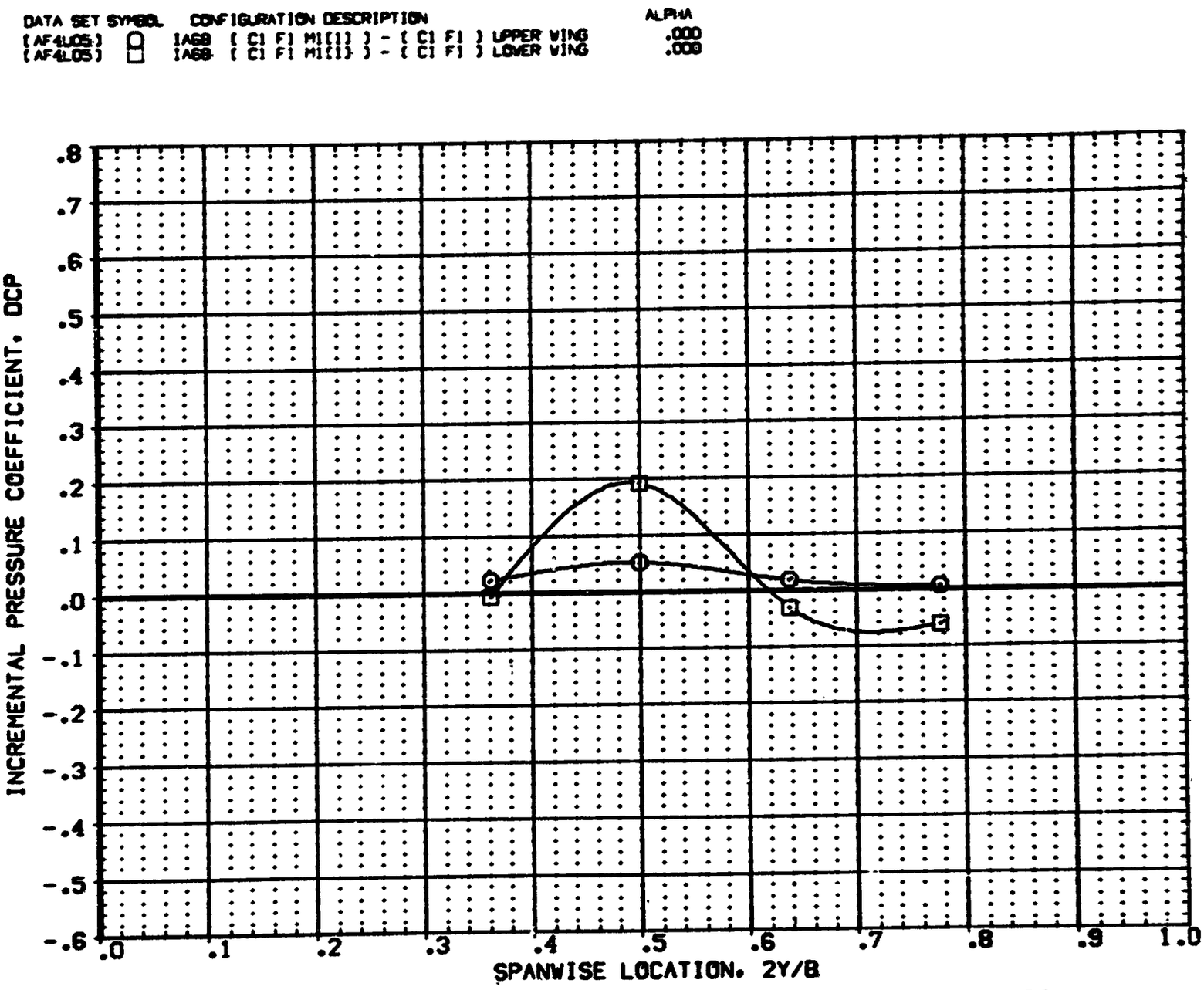

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.503 BETA = 3.840 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
[AF4LU05]	○	[AGB [C1 F1 M1[1]] - [C1 F1] UPPER WING	.000
[AF4LL05]	□	[AGB [C1 F1 M1[1]] - [C1 F1] LOWER WING	.000

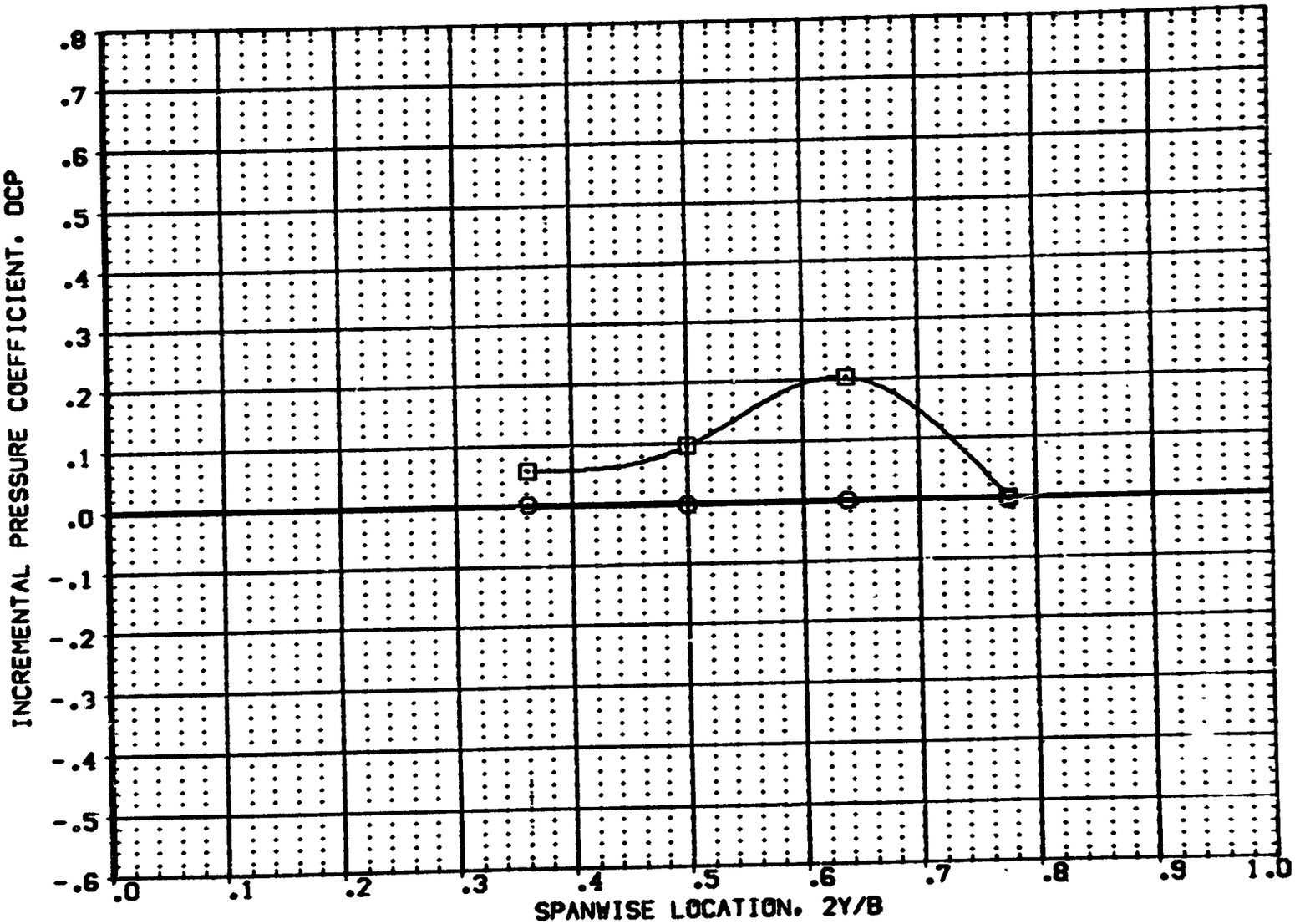

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -3.790 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	IASB (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

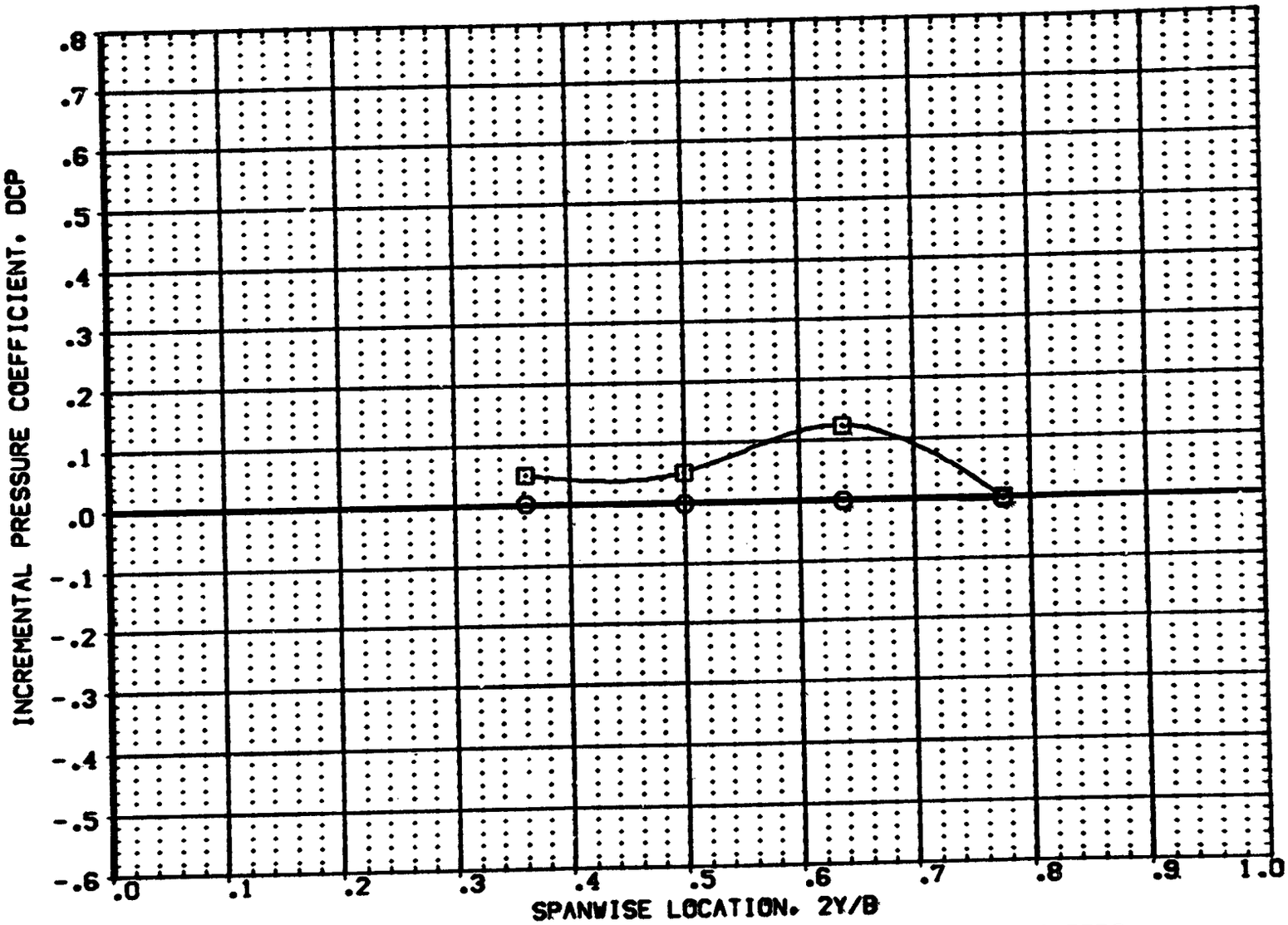

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -1.870 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05) ○	IASB. (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05) □	IASB (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

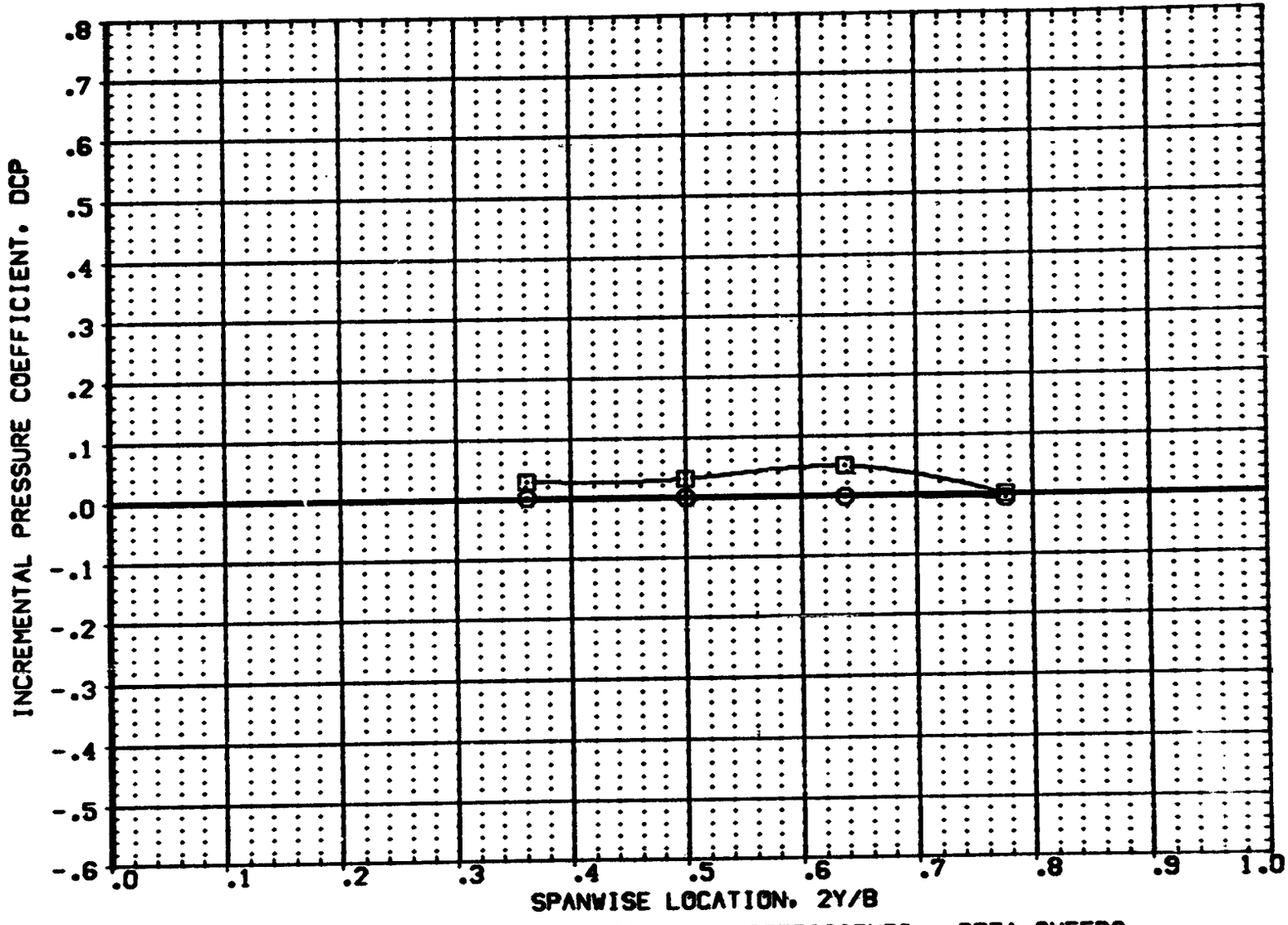

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -.010 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	1A6B (C1 F1 M1[1]) - (C1 F1) UPPER WING	.000
(AF4L05)	1A6B (C1 F1 M1[1]) - (C1 F1) LOWER WING	.000

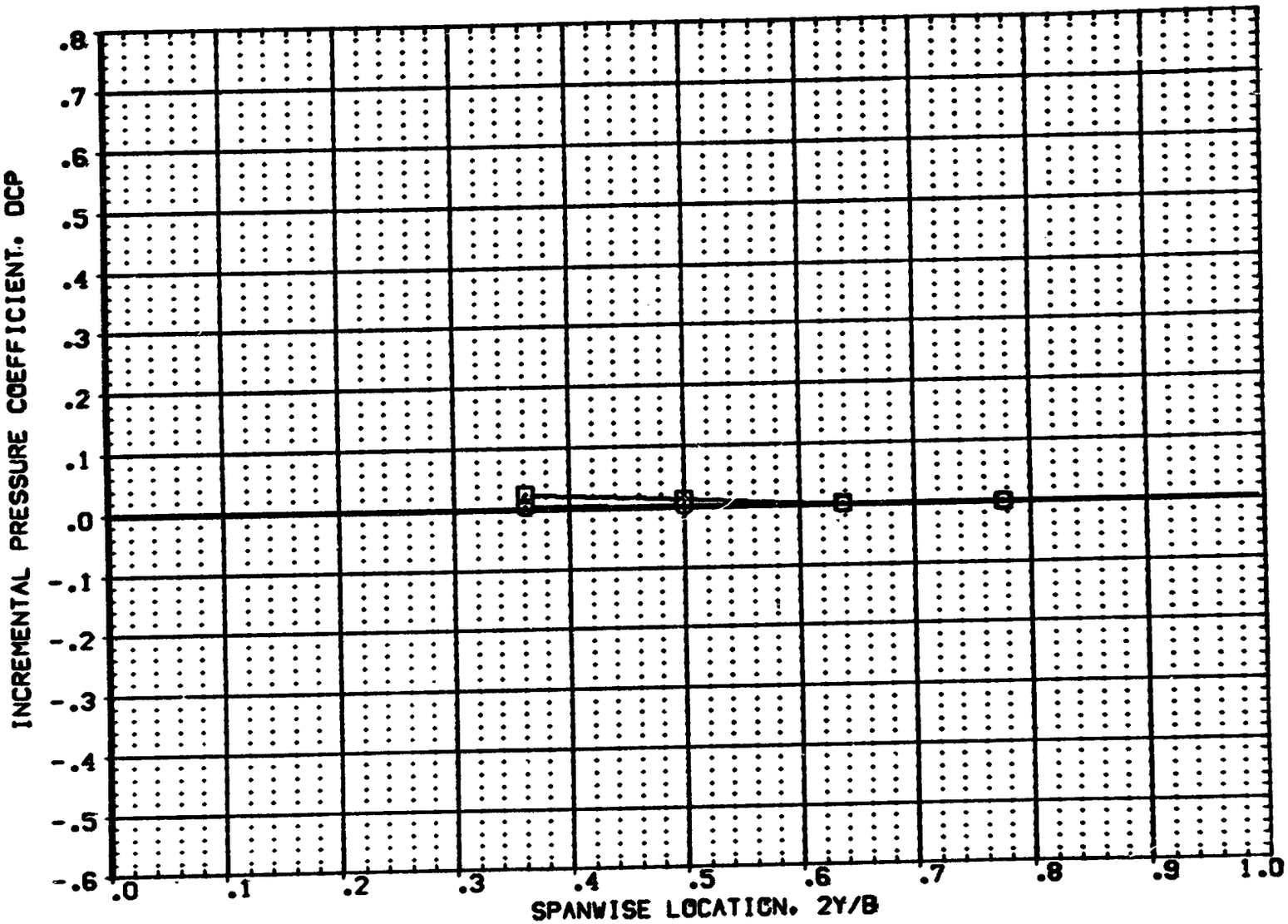

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = 1.950 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L05)	○	1A6B (C1 F1 M1(1)) - (C1 F1) UPPER WING	.000
(AF4L05)	□	1A6B (C1 F1 M1(1)) - (C1 F1) LOWER WING	.000

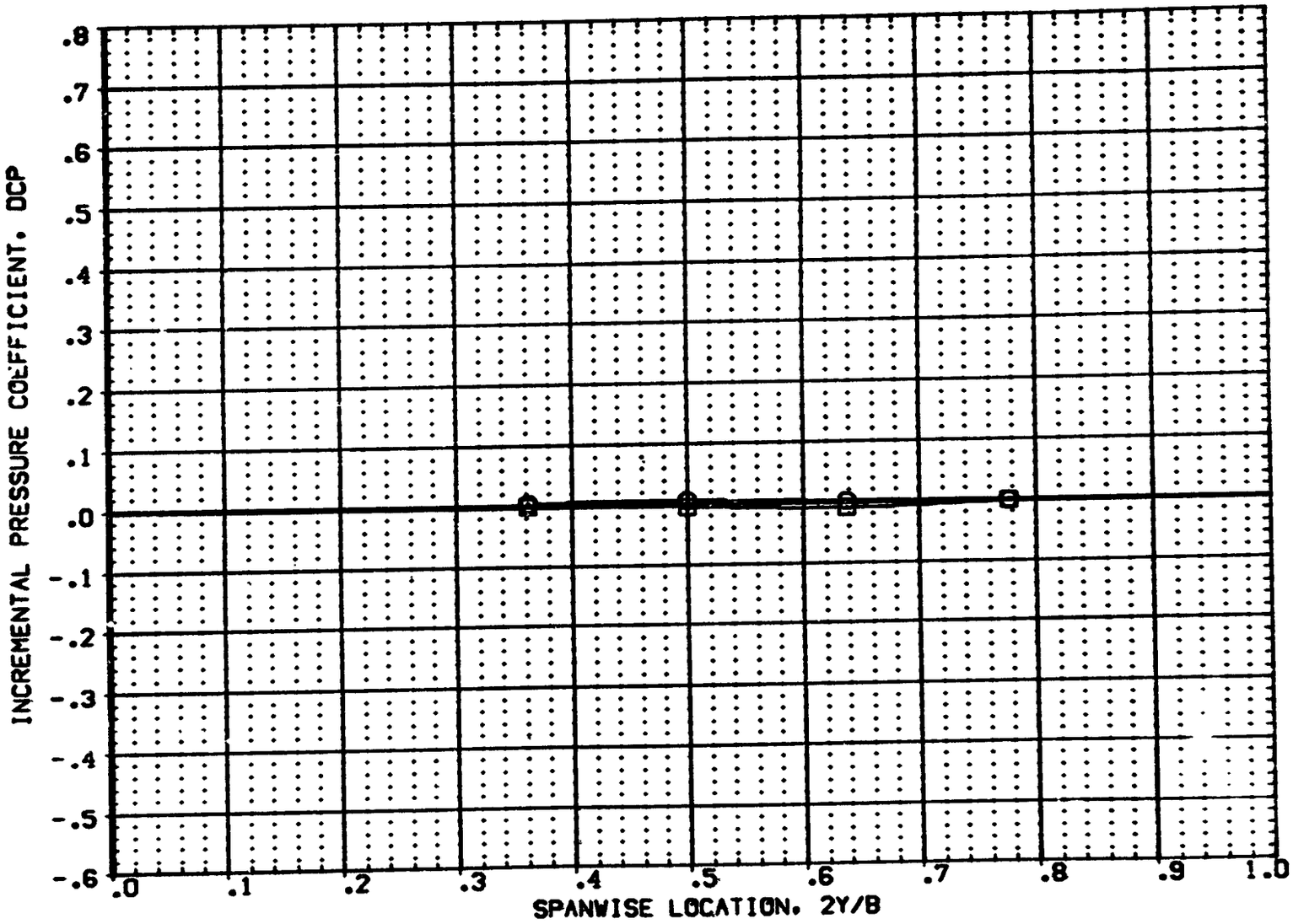

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = 3.790 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
[AF4LOB]	○	[AGB [C1F1M2[1]+FILLET] - [C1F1] UPPER WING	.000
[AF4LOB]	□	[AGB [C1F1M2[1]+FILLET] - [C1F1] LOWER WING	.000

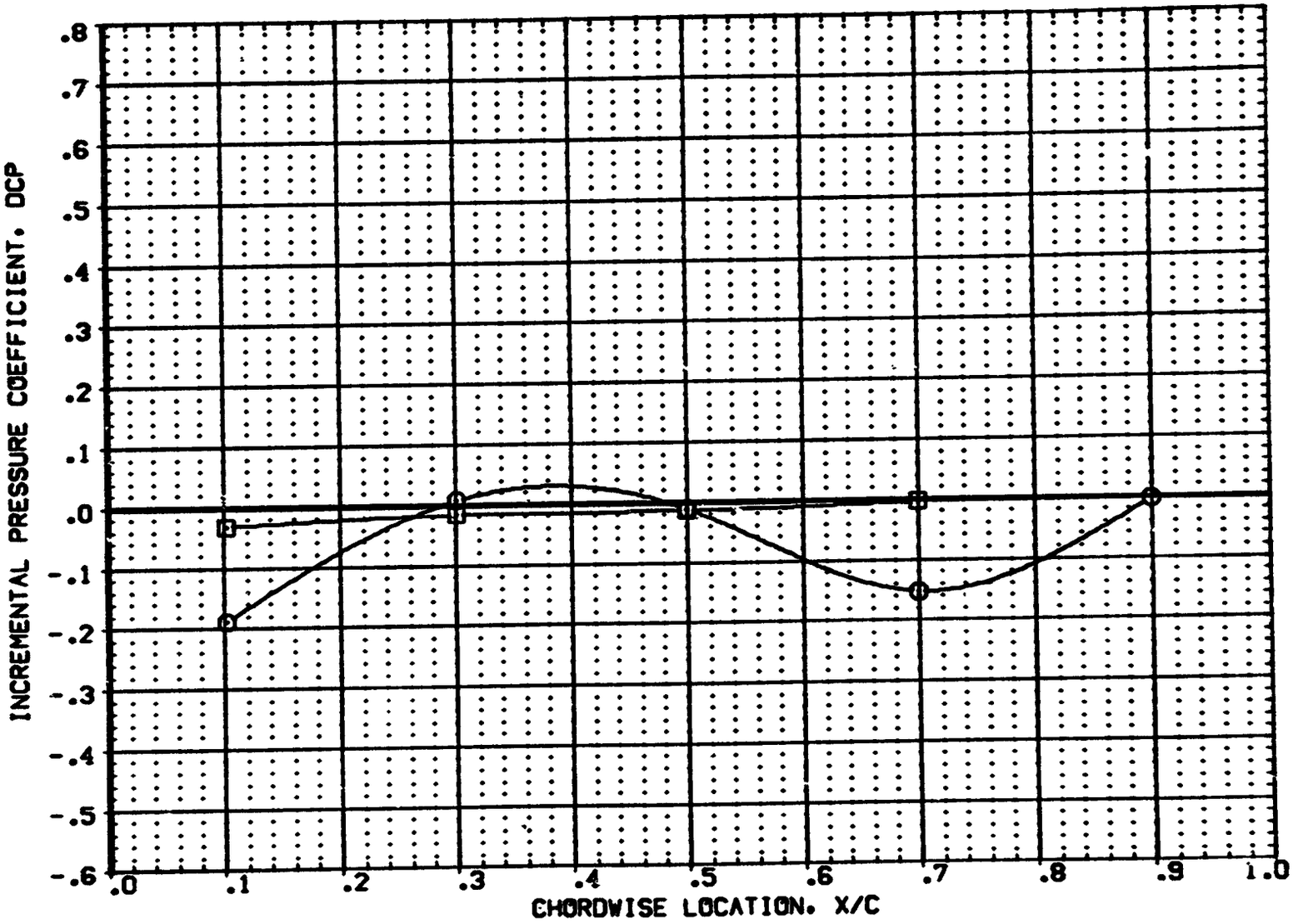

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -3.930 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4UOB) ○	IA6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LOB) □	IA6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

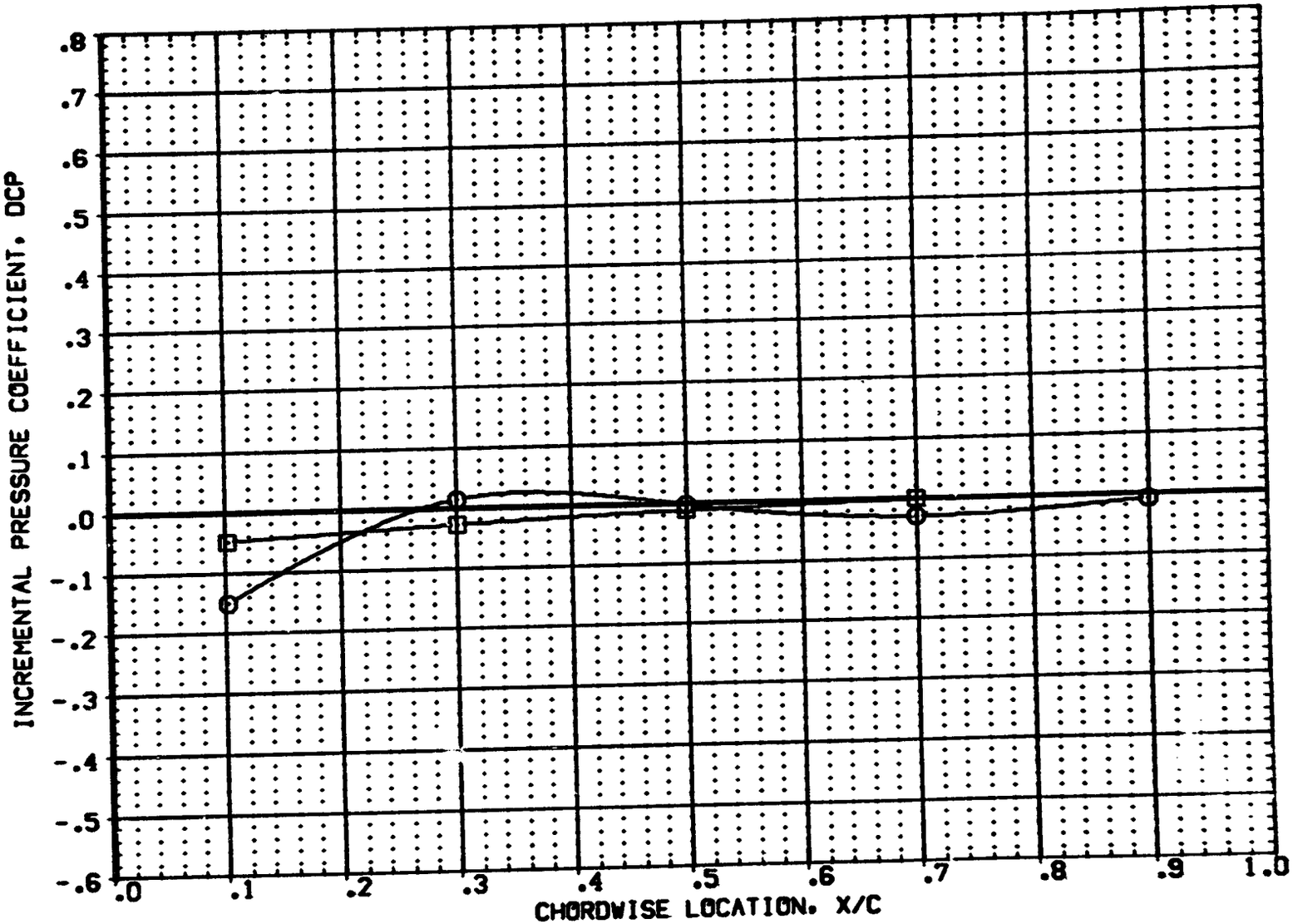

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -1.950 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4LOB)	(AGB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LOB)	(AGB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

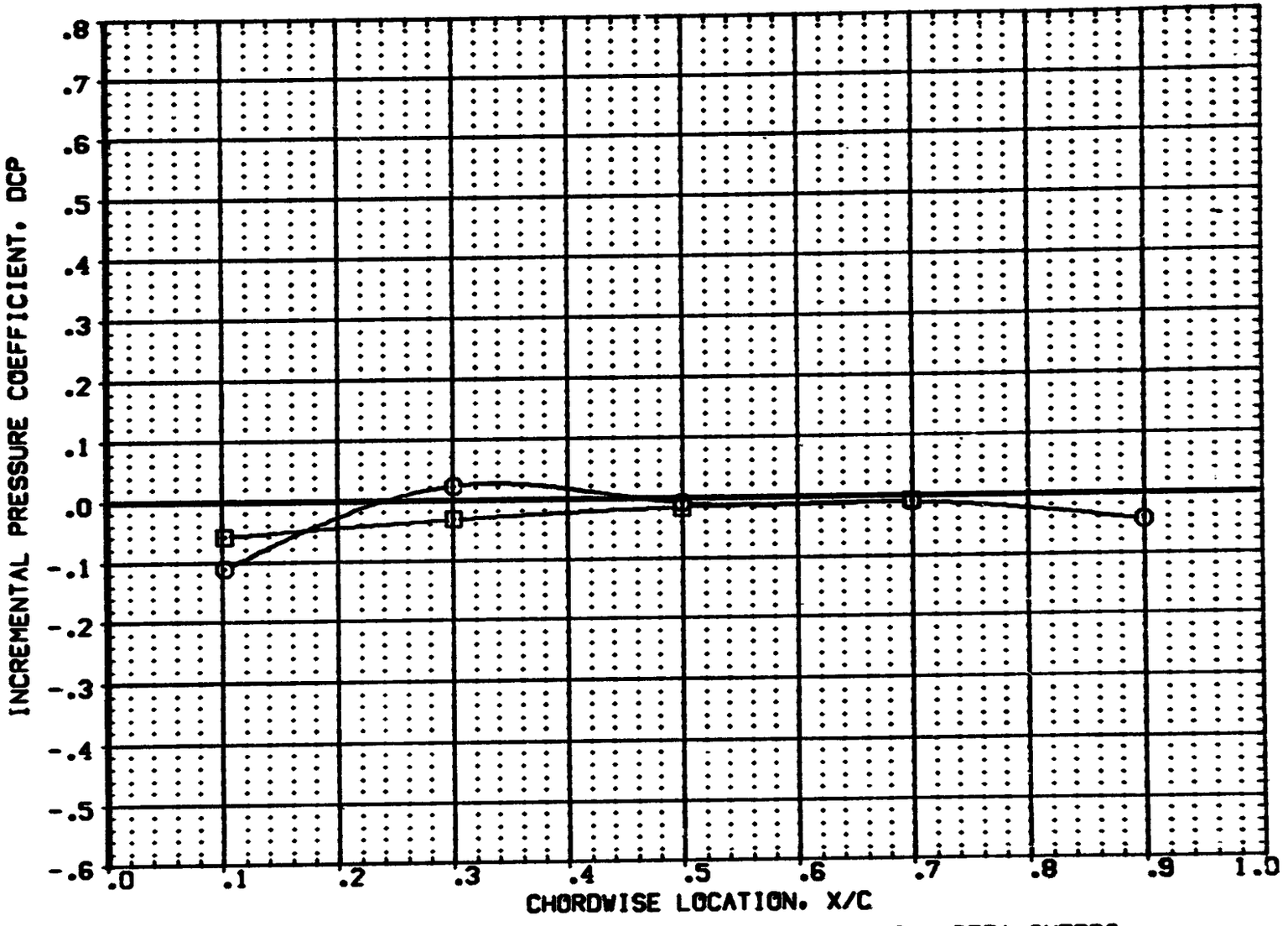

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -.030 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4UOB)	IA6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LOB)	IA6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

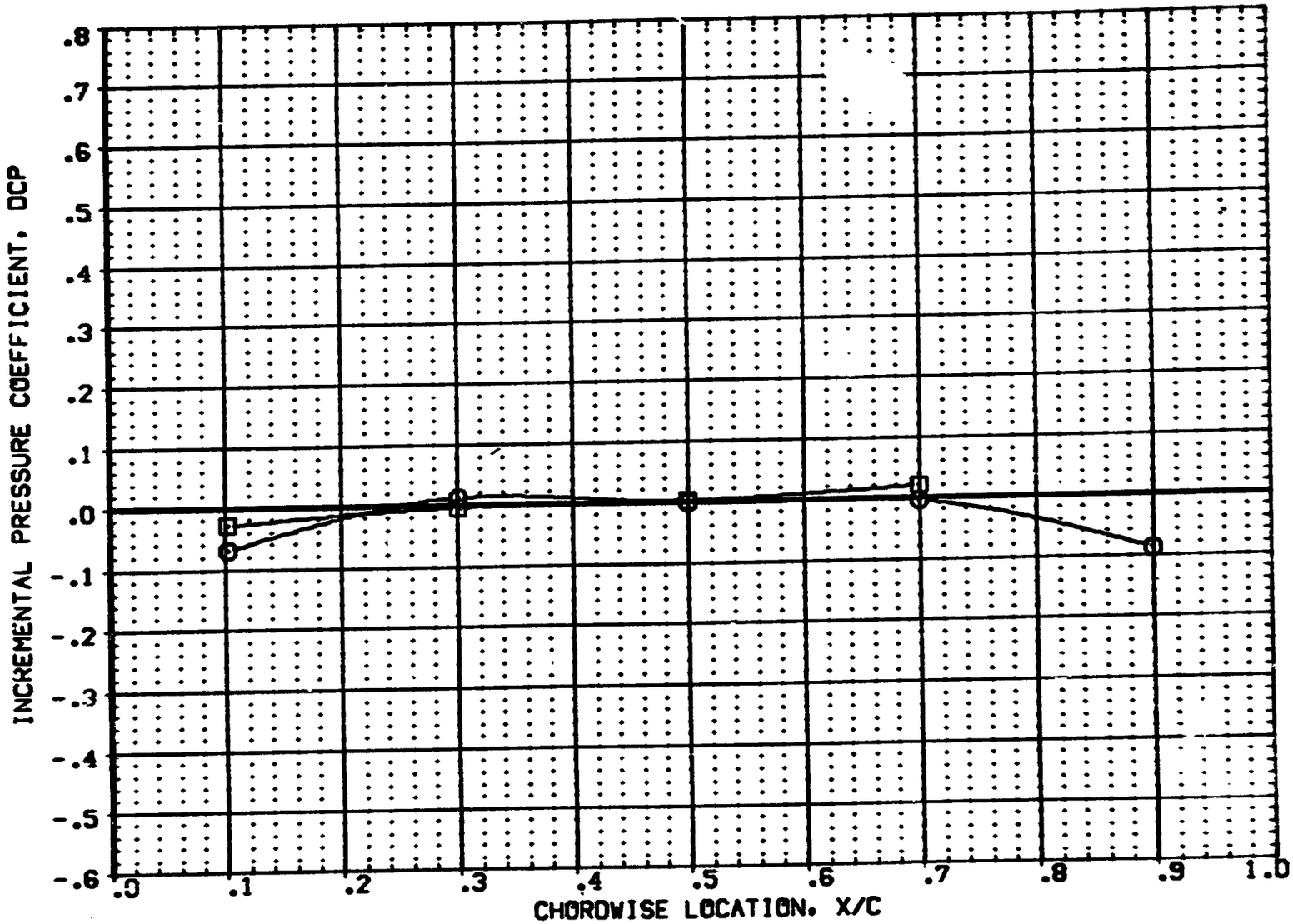

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = 1.880 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4LOB)	8	(ASB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LOB)	8	(ASB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

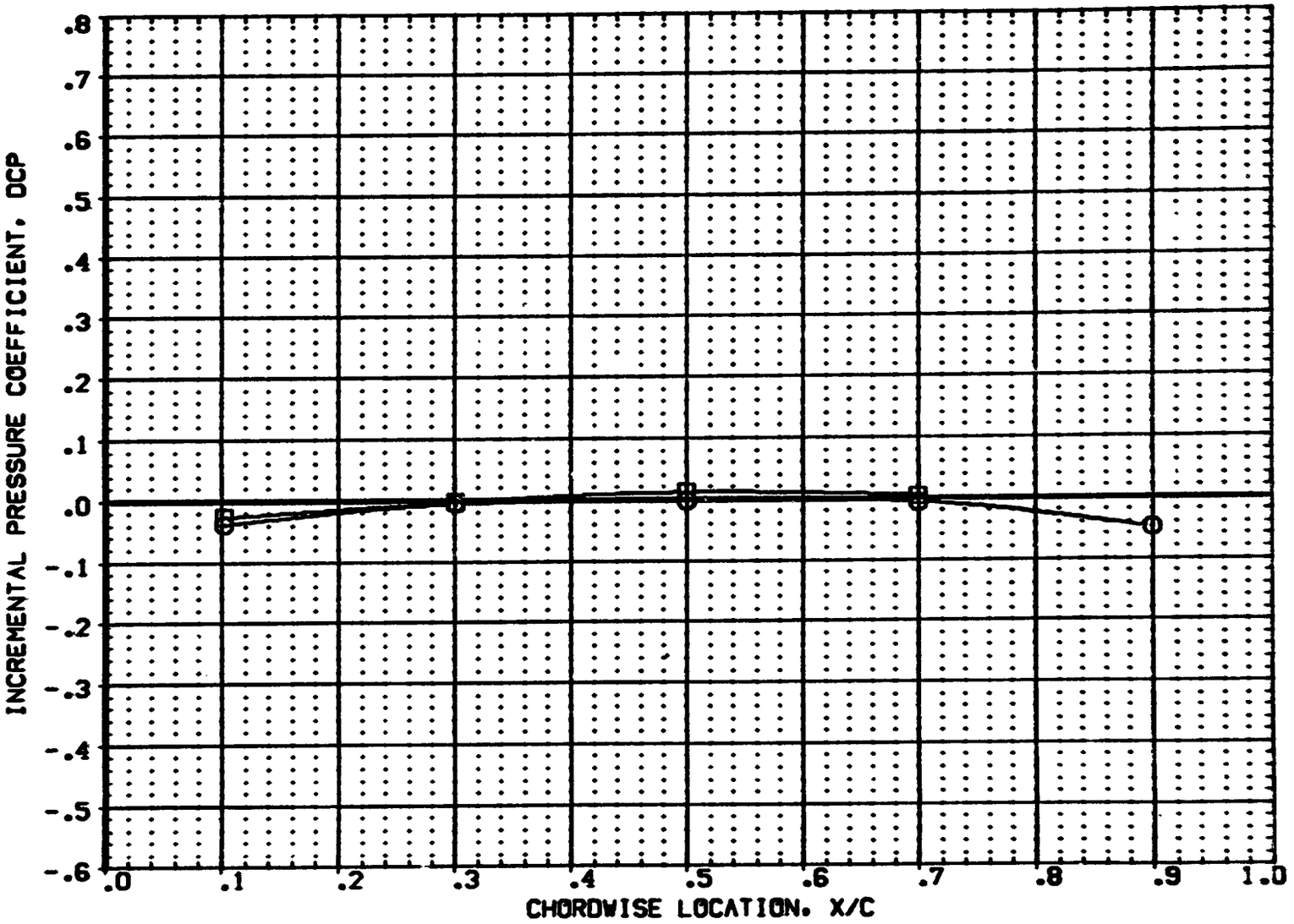

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = 3.810 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
[AF4L08]	8	[A68 [C1F1M2[1]+FILLET] - [C1F1] UPPER WING	.000
[AF4L08]		[A68 [C1F1M2[1]+FILLET] - [C1F1] LOWER WING	.000

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = -3.880 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4L08]	○	[ASB (C1F1M2[1]+FILLET] - [C1F1] UPPER WING	.000
[AF4L08]	□	[ASB (C1F1M2[1]+FILLET] - [C1F1] LOWER WING	.000

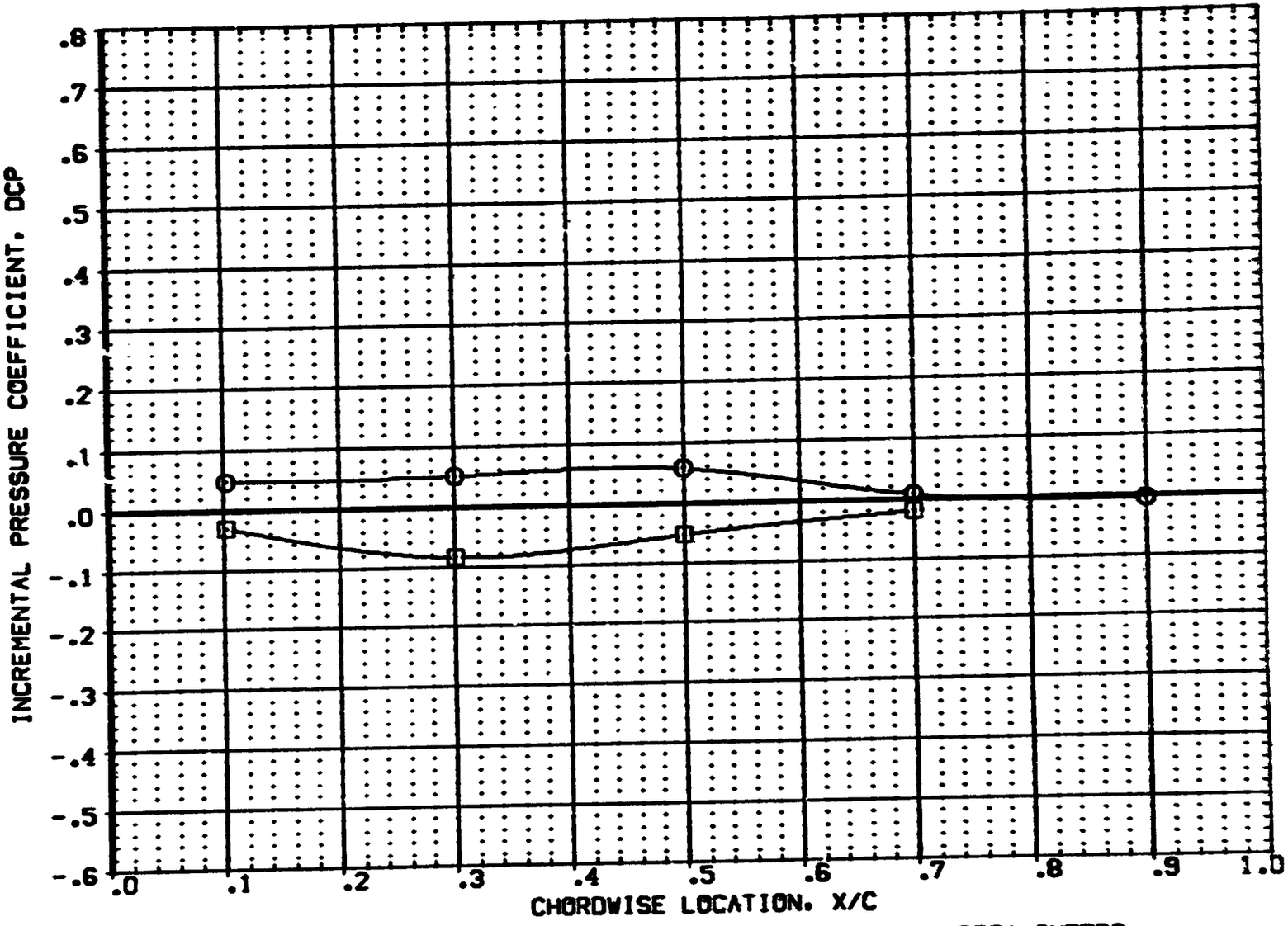

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = -1.830 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4LO8)	1A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LO8)	1A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

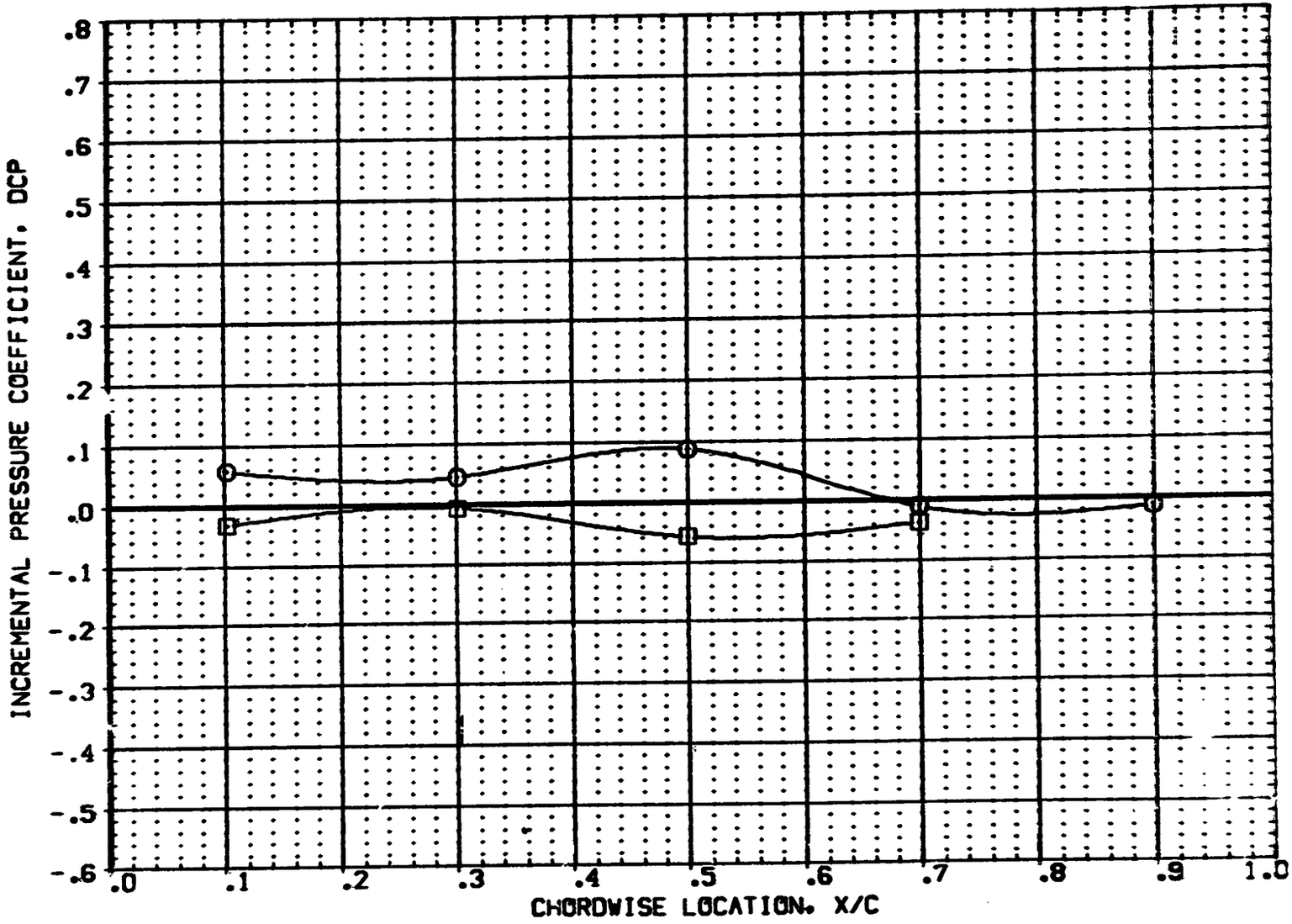

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = .140 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	IAGB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	IAGB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = 4.070 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4UOB) ○	IA6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LOB) □	IA6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

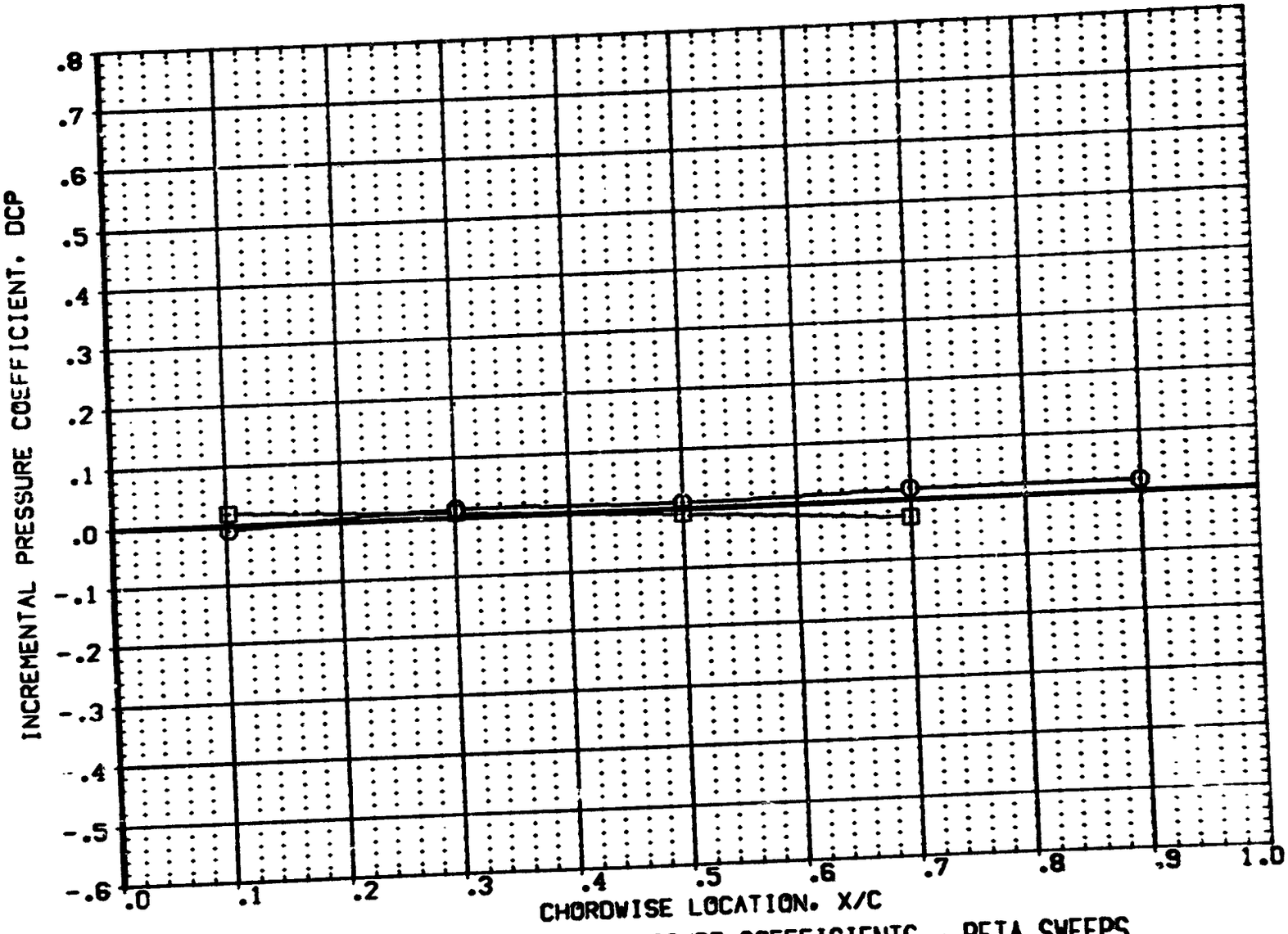

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -3.800 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4LOB)	○	IASB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LOB)	□	IASB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

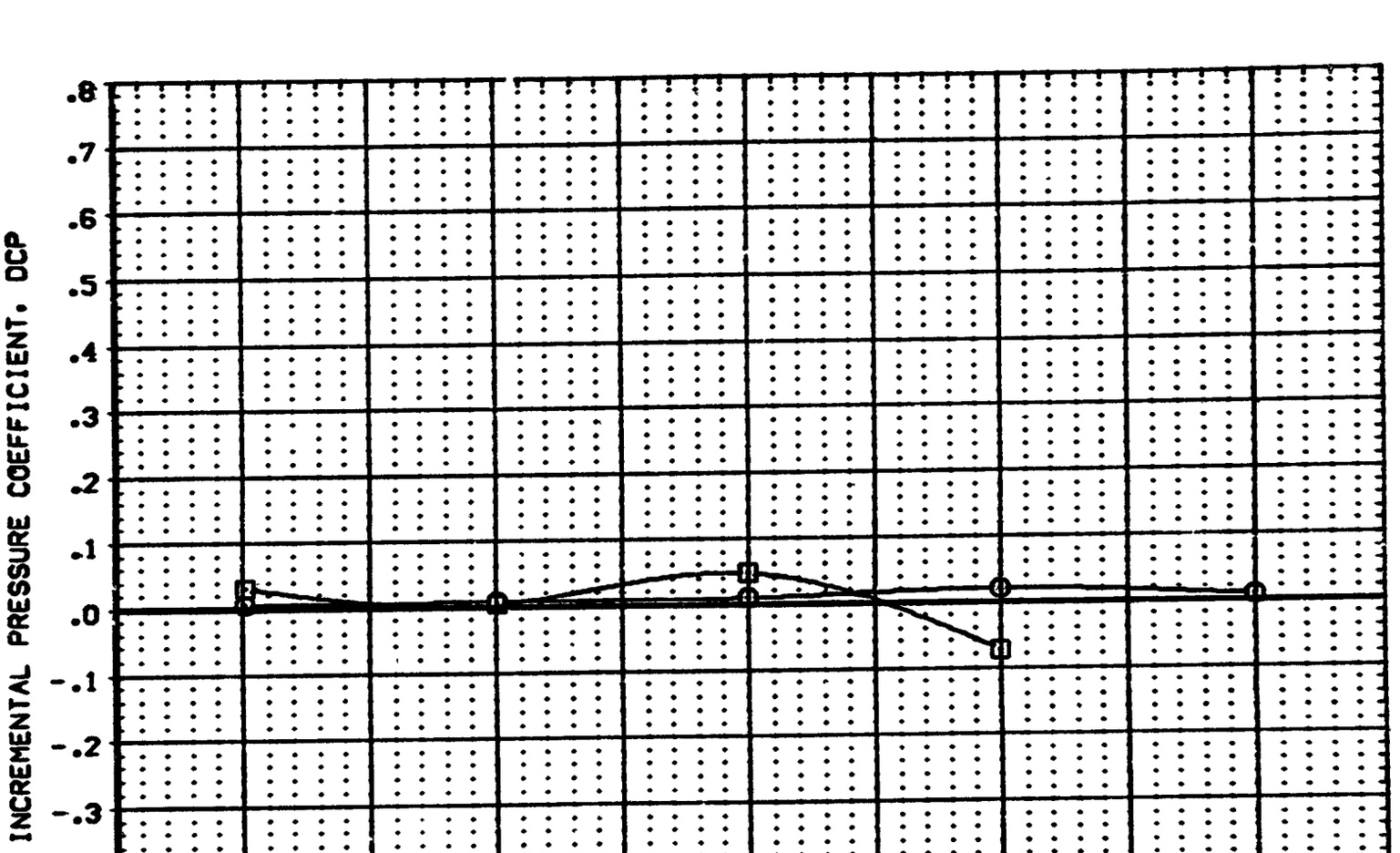

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -1.760 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4UOB)	○	(AGB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LOB)	□	(AGB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

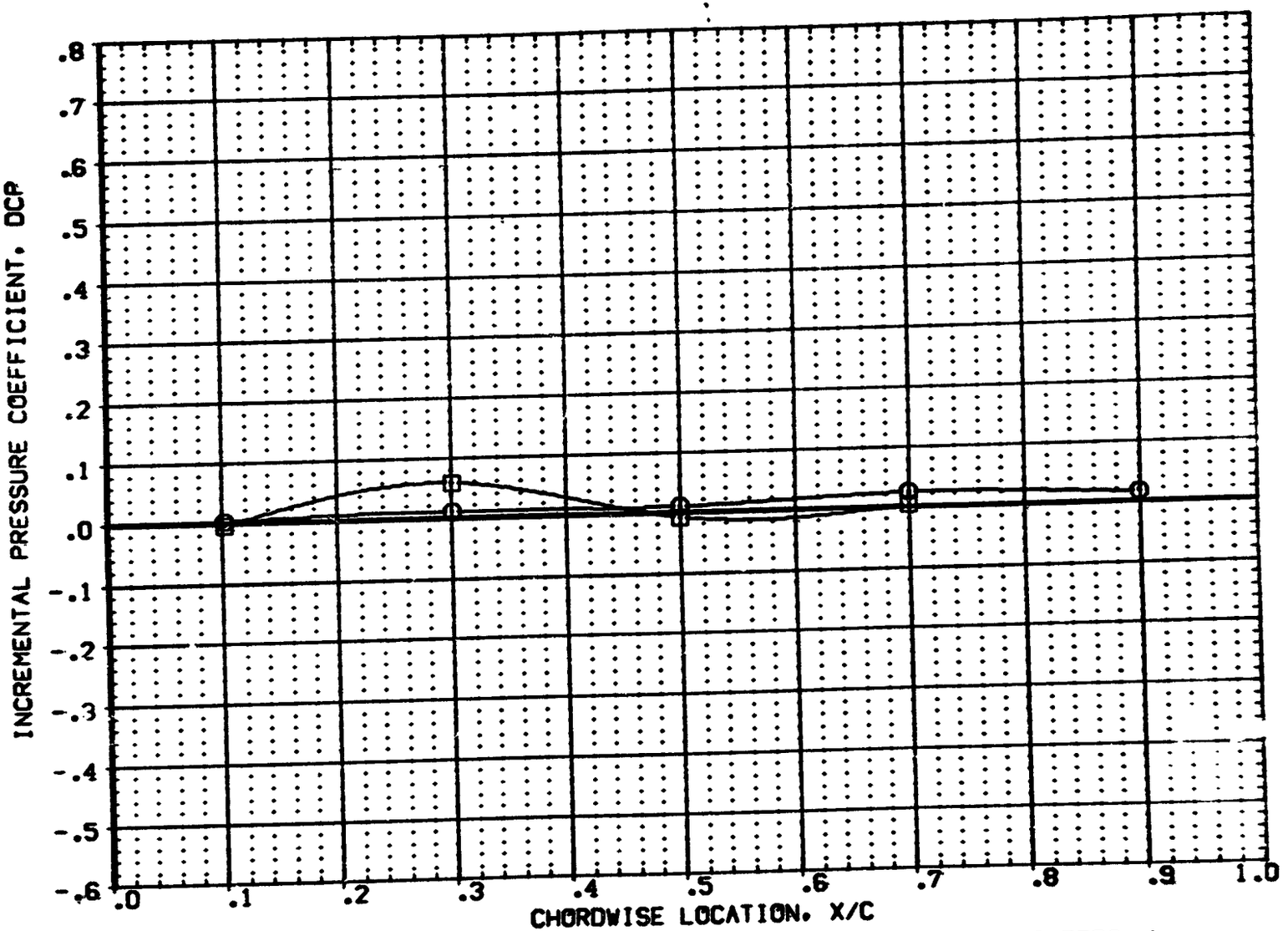

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = .210 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	⊡	IA68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	IA68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

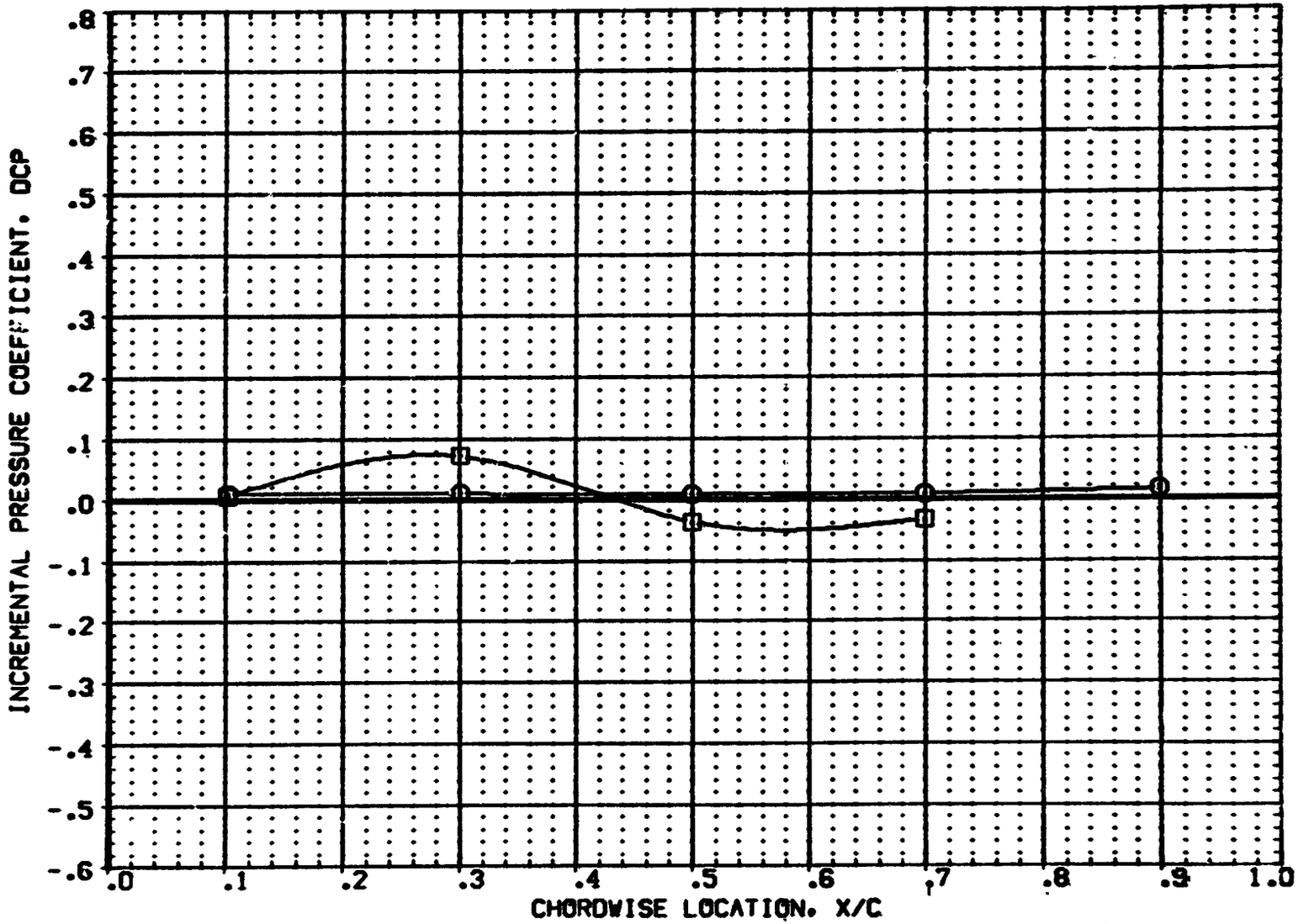

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = 2.160 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	1A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L00)	□	1A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = 4.060 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	(AGB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	(AGB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

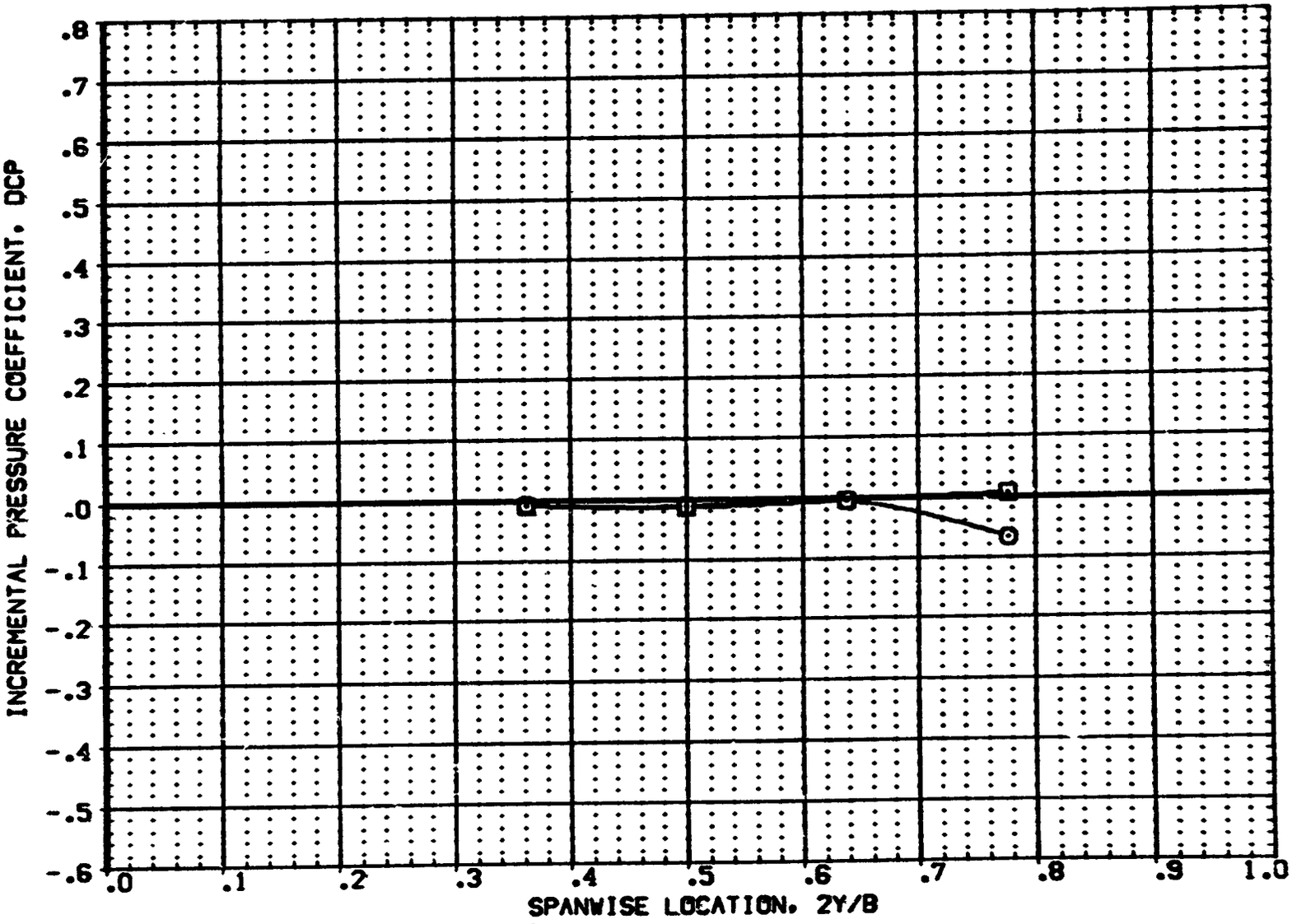

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -3.930 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	(A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	(A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

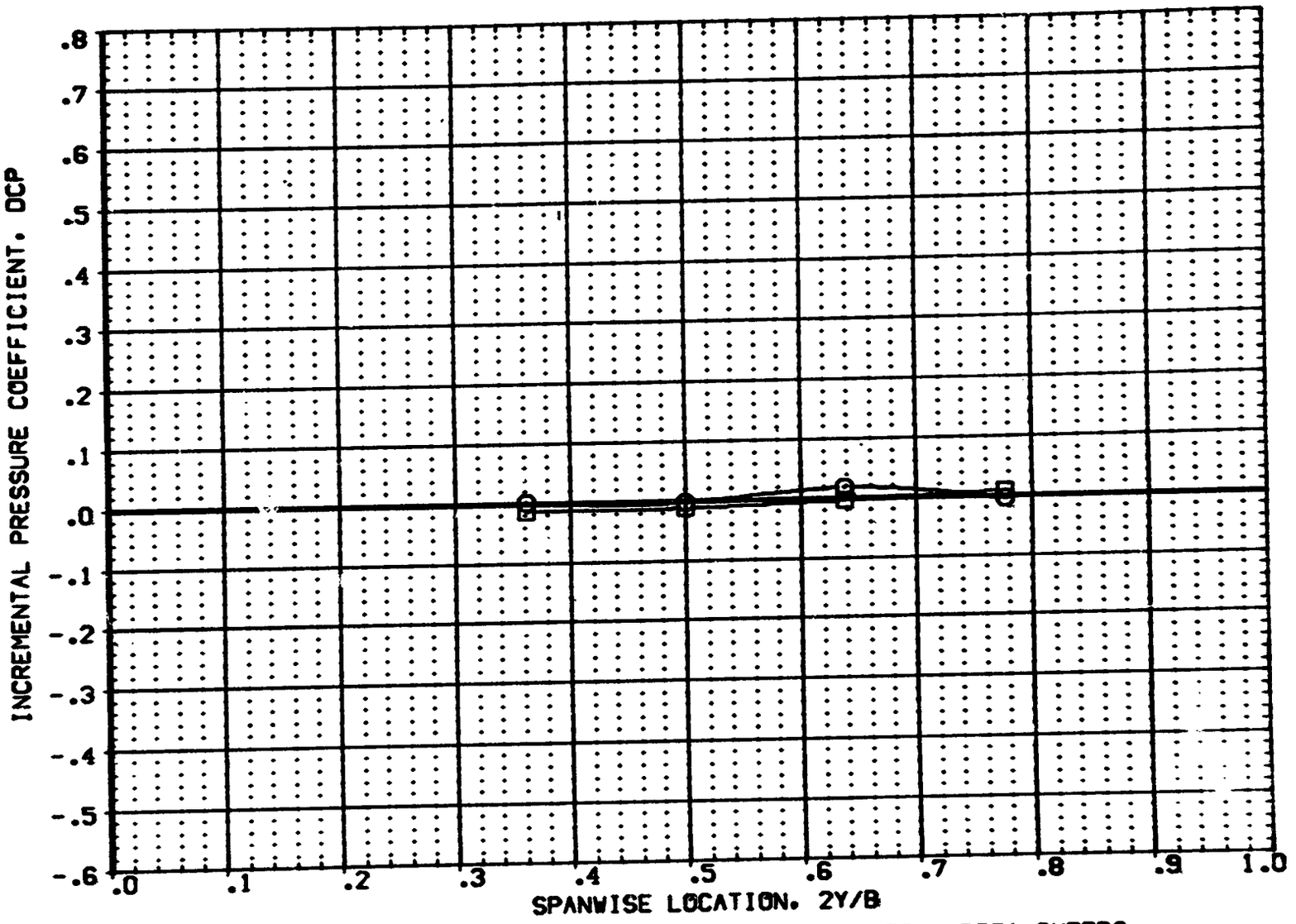

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -1.950 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	(A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	(A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

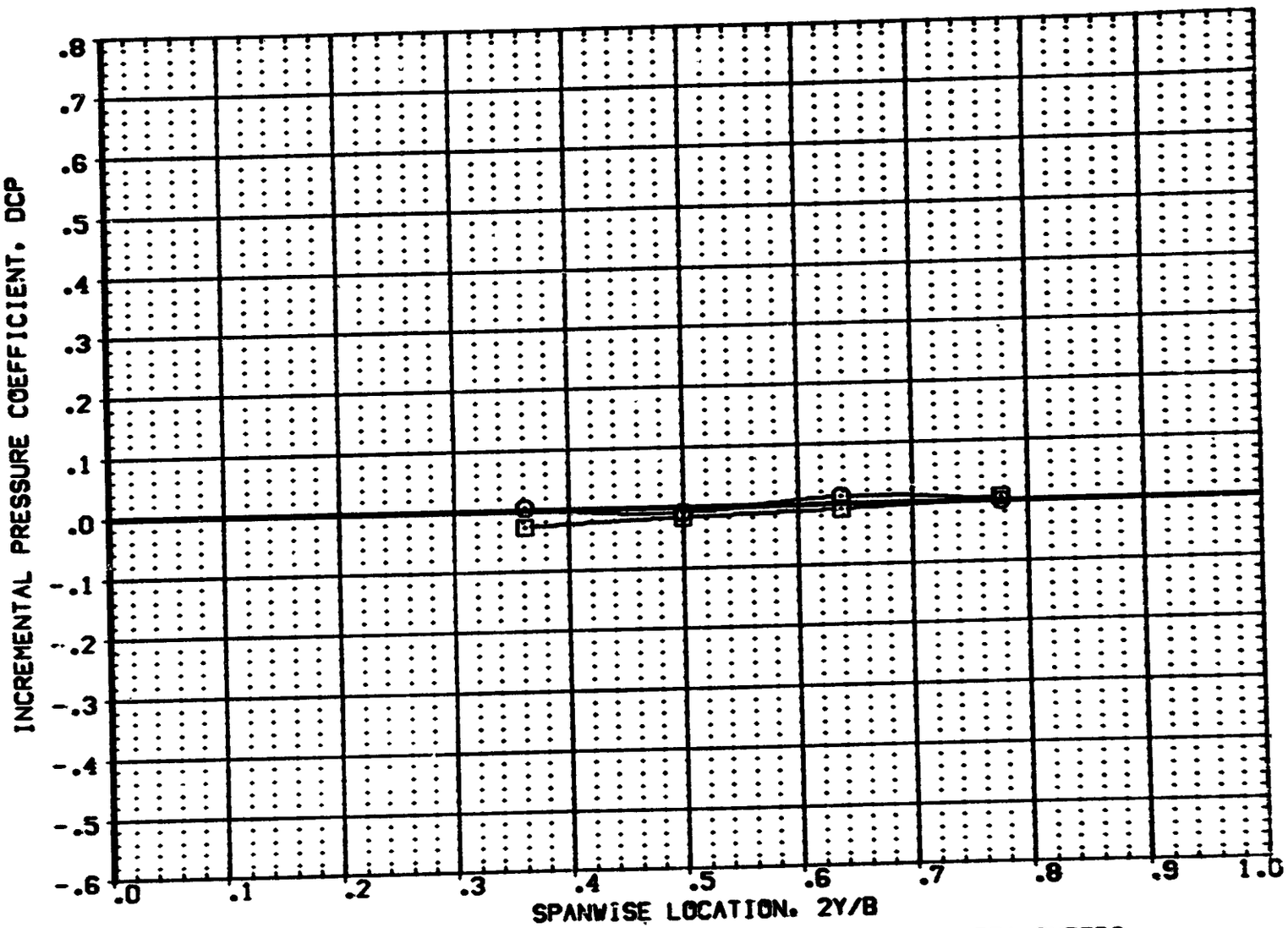

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = -.030 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L08) ○	1ASB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08) □	1ASB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

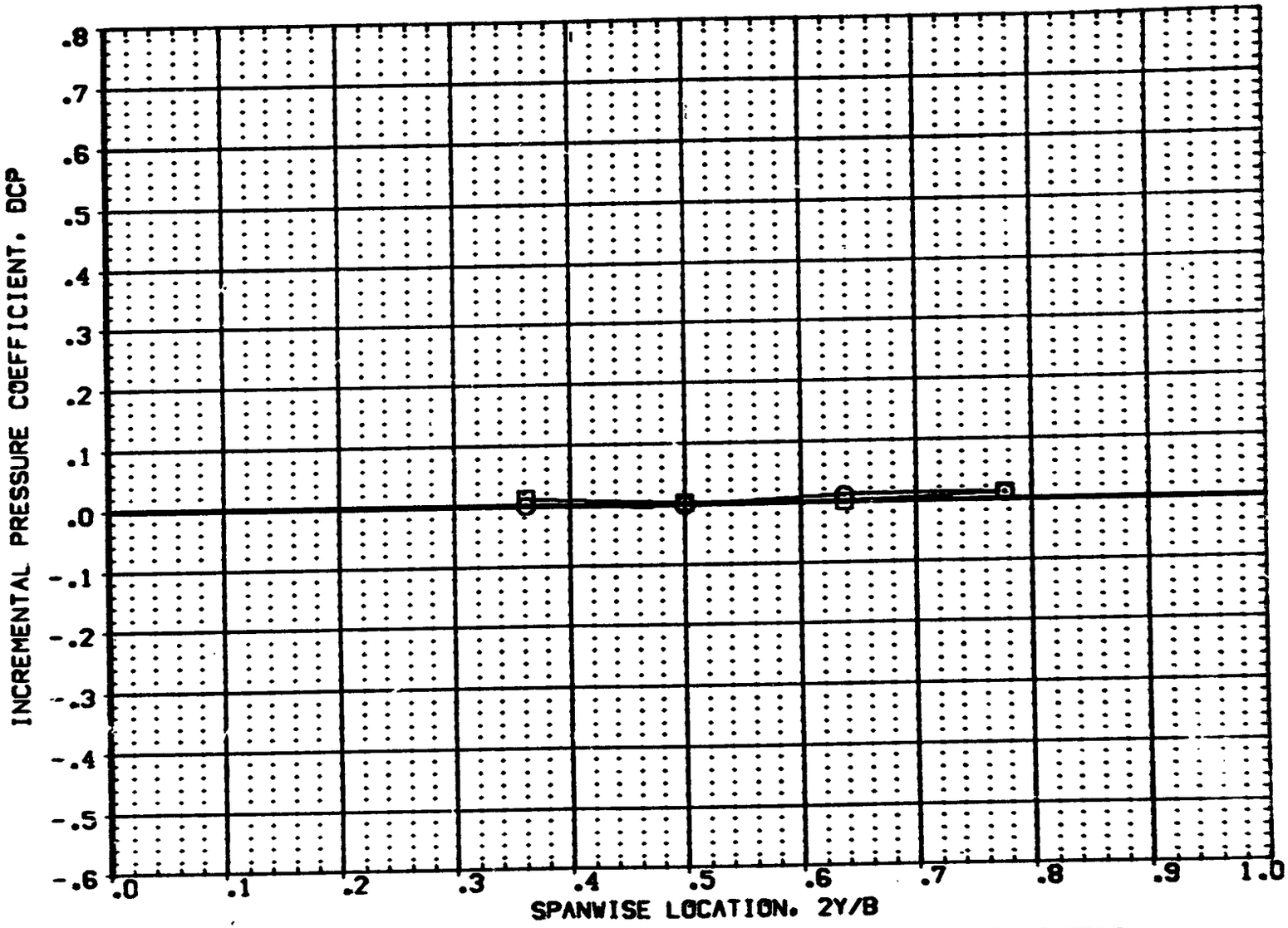

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = 1.880 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	(AGB (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	(AGB (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

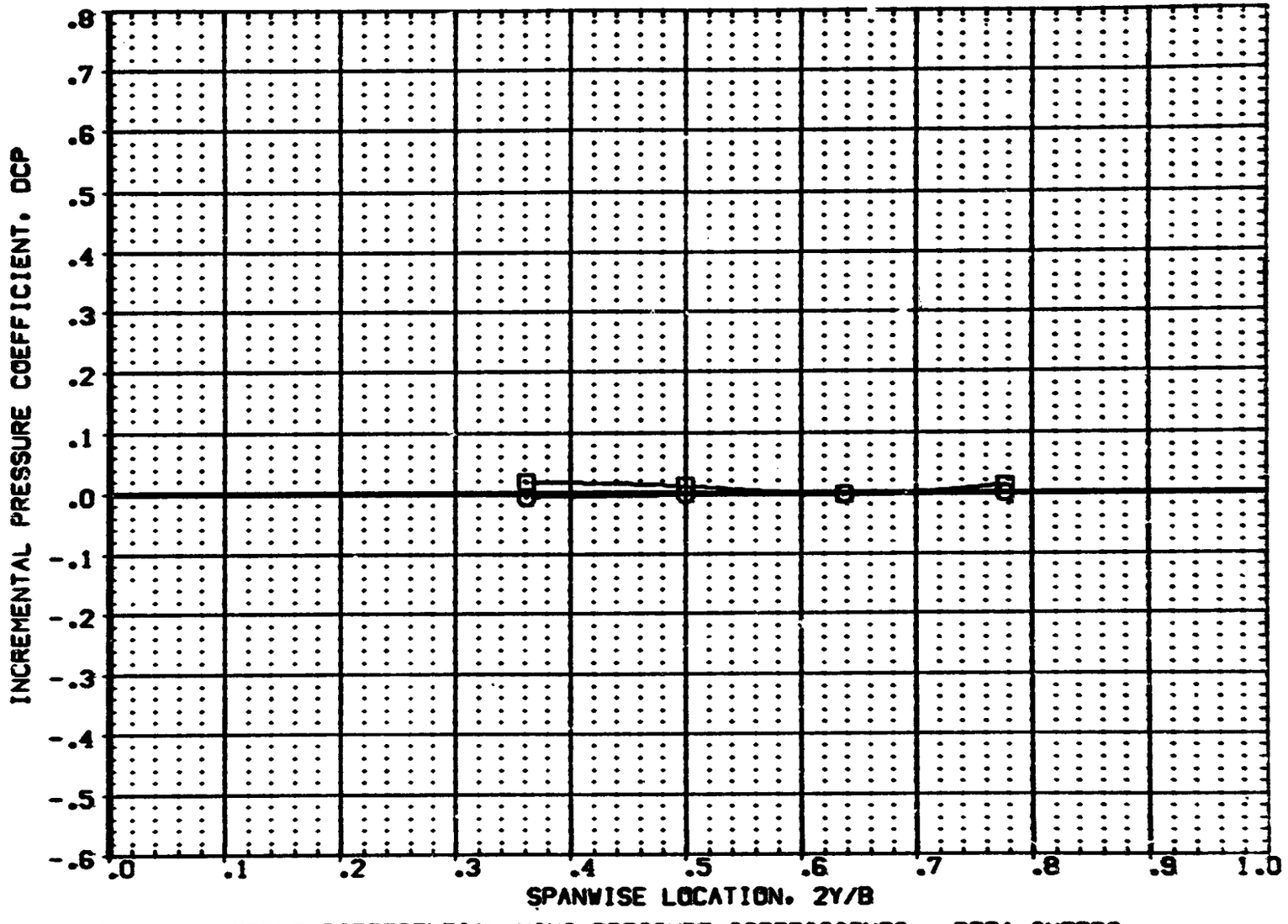

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .896 BETA = 3.810 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	1A68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	1A68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

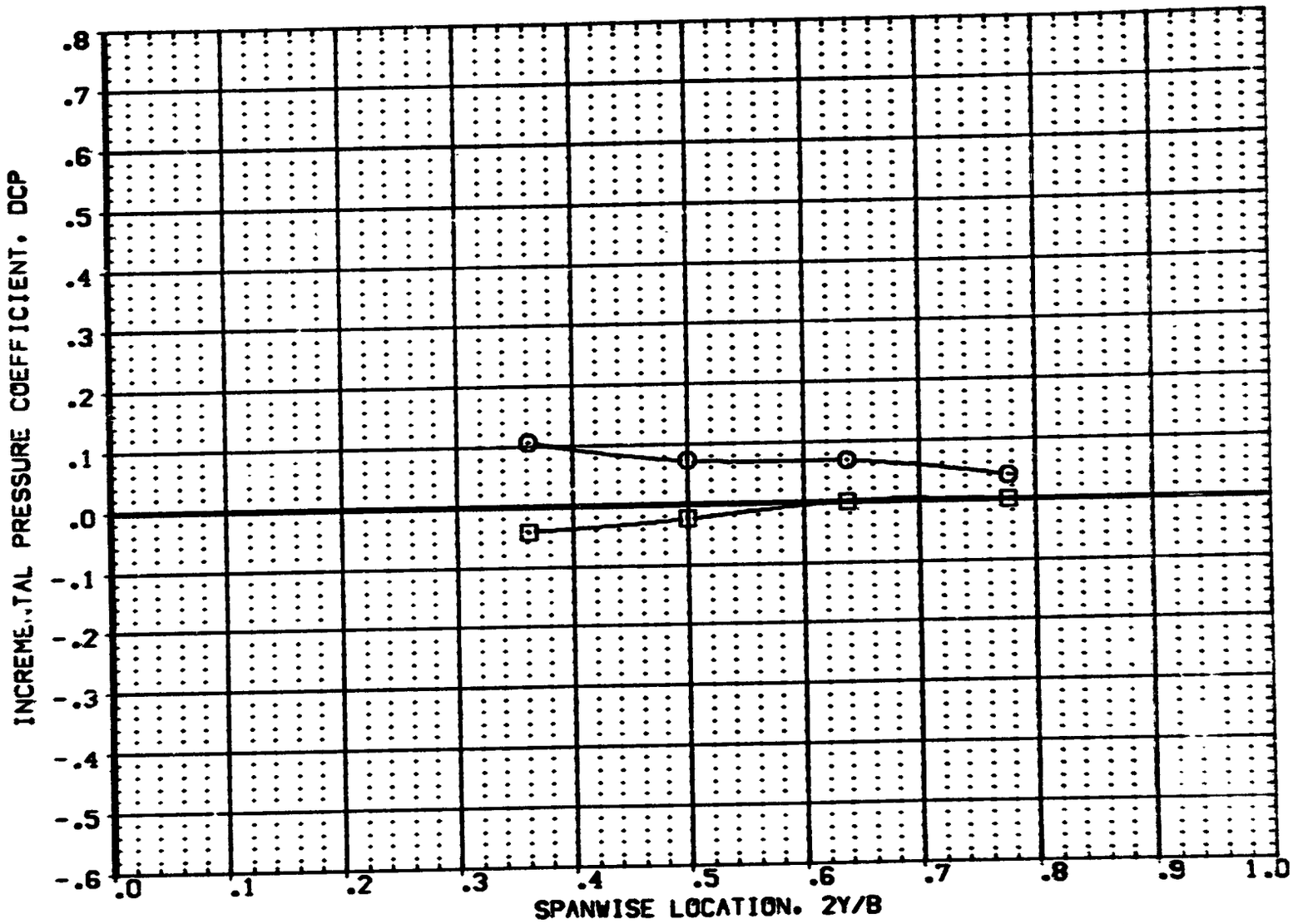

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = -3.880 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	(A6B (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	(A6B (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

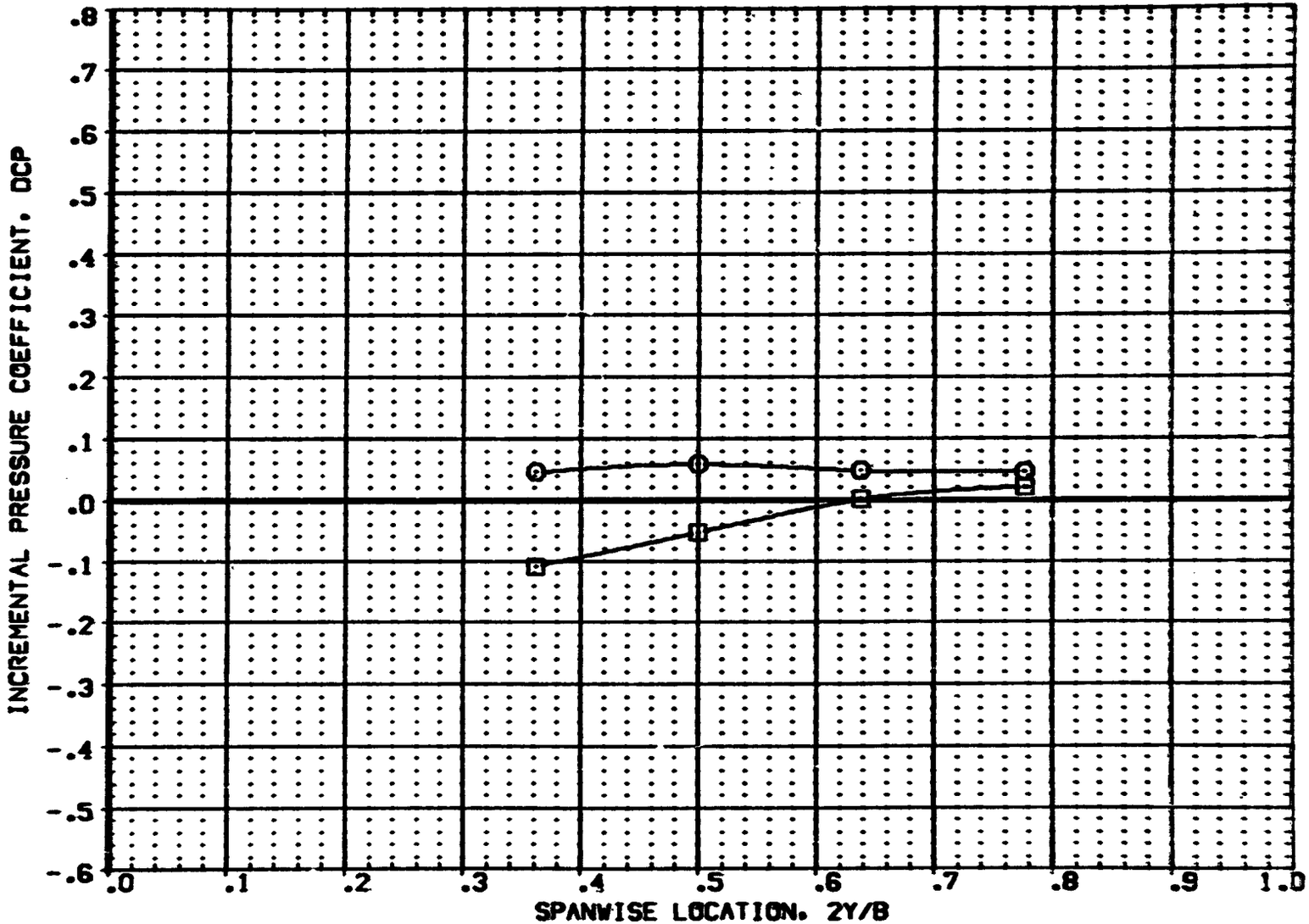

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = -1.830 X/C = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4LOB) ○	IASB (C1F1M2[1]+FILLET) - (C1F1) UPPER WING	.000
(AF4LOB) □	IASB (C1F1M2[1]+FILLET) - (C1F1) LOWER WING	.000

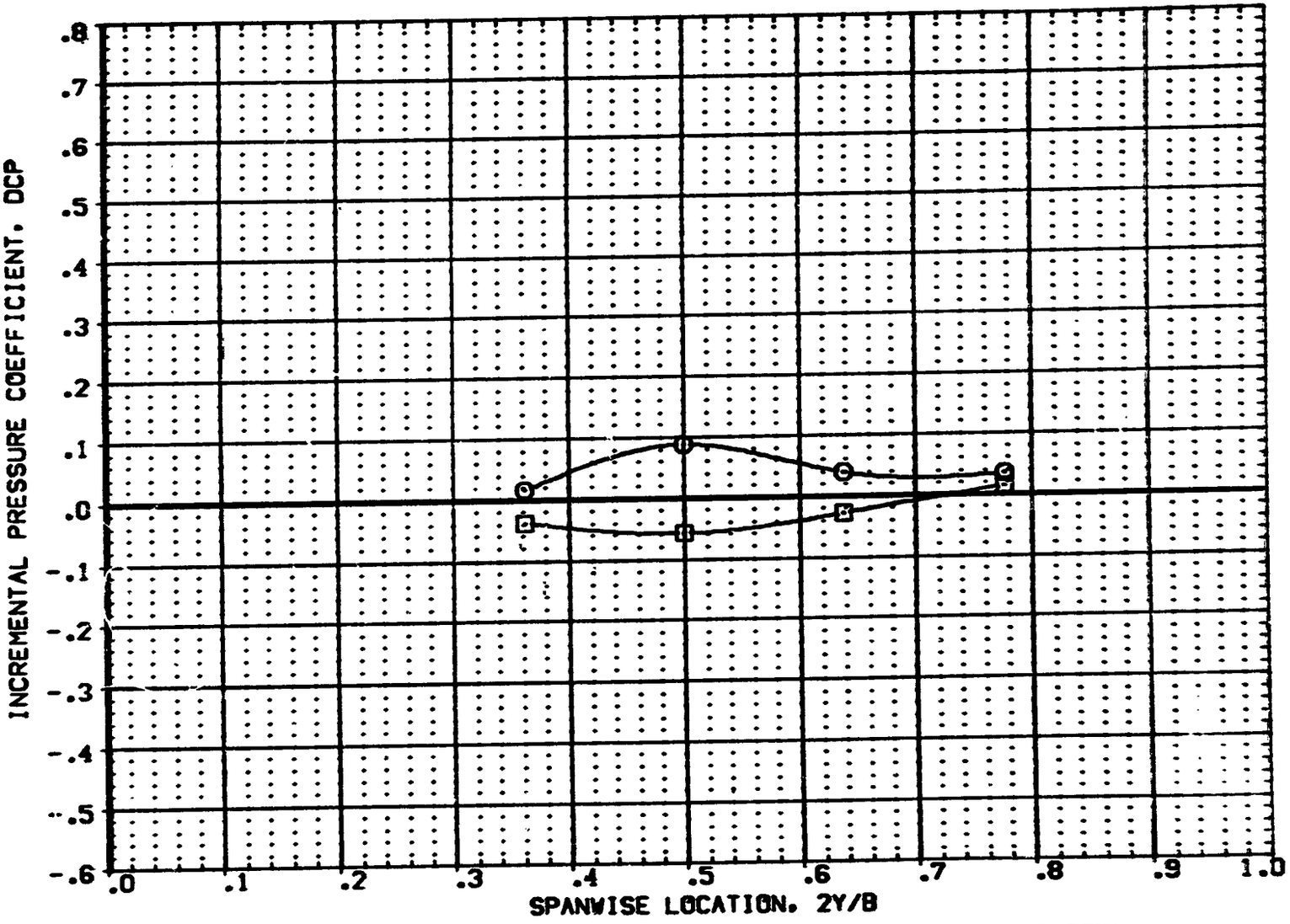

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = .140 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
[AF4L08]	○	[A6B [C1F1M2[1]+FILLET] - [C1F1] UPPER WING	.000
[AF4L08]	□	[A6B [C1F1M2[1]+FILLET] - [C1F1] LOWER WING	.000

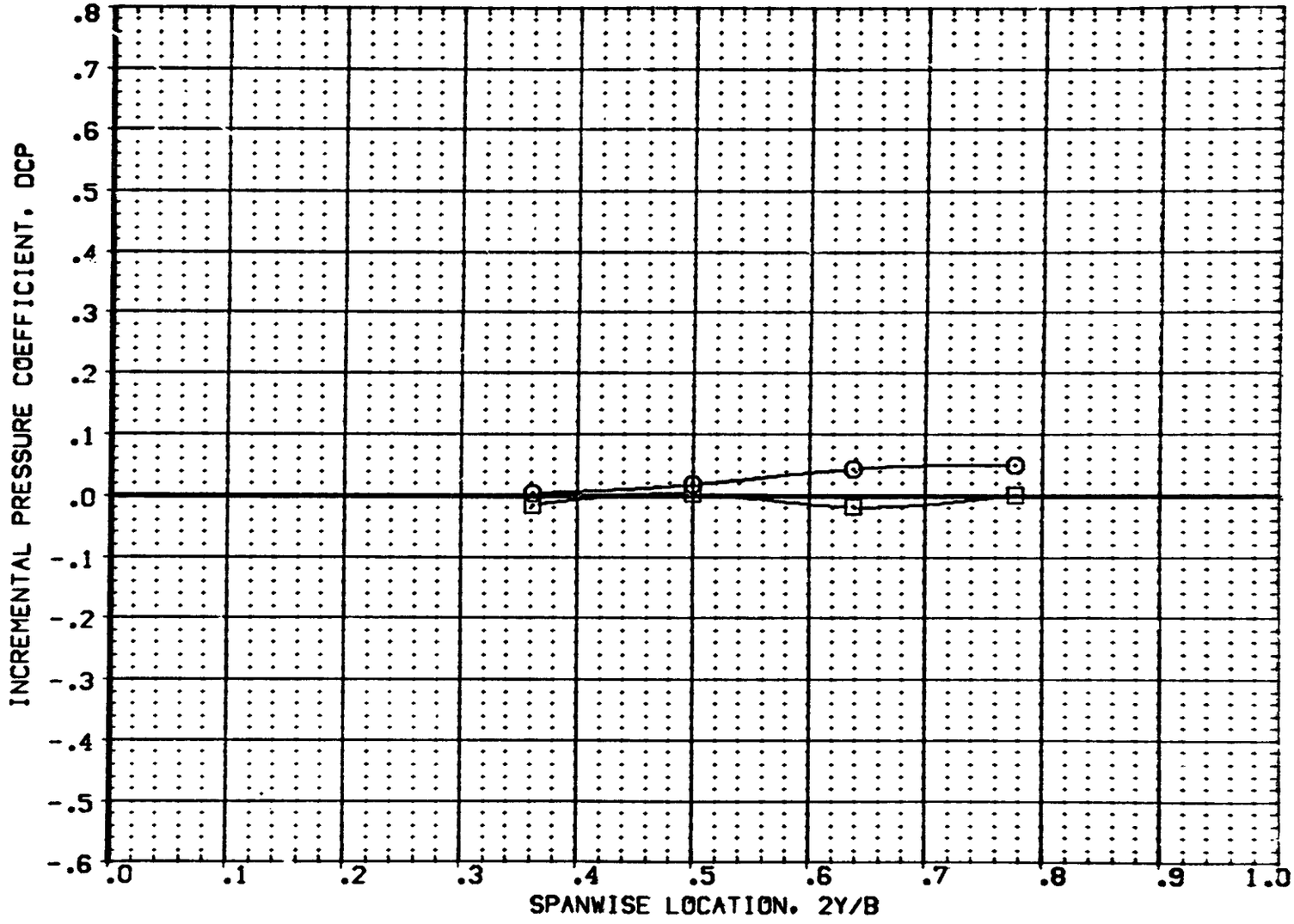

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = 4.070 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4L08]	○	IA68 [C1F1M2(1)+FILLET] - [C1F1] UPPER WING	.000
[AF4L08]	□	IA68 [C1F1M2(1)+FILLET] - [C1F1] LOWER WING	.000

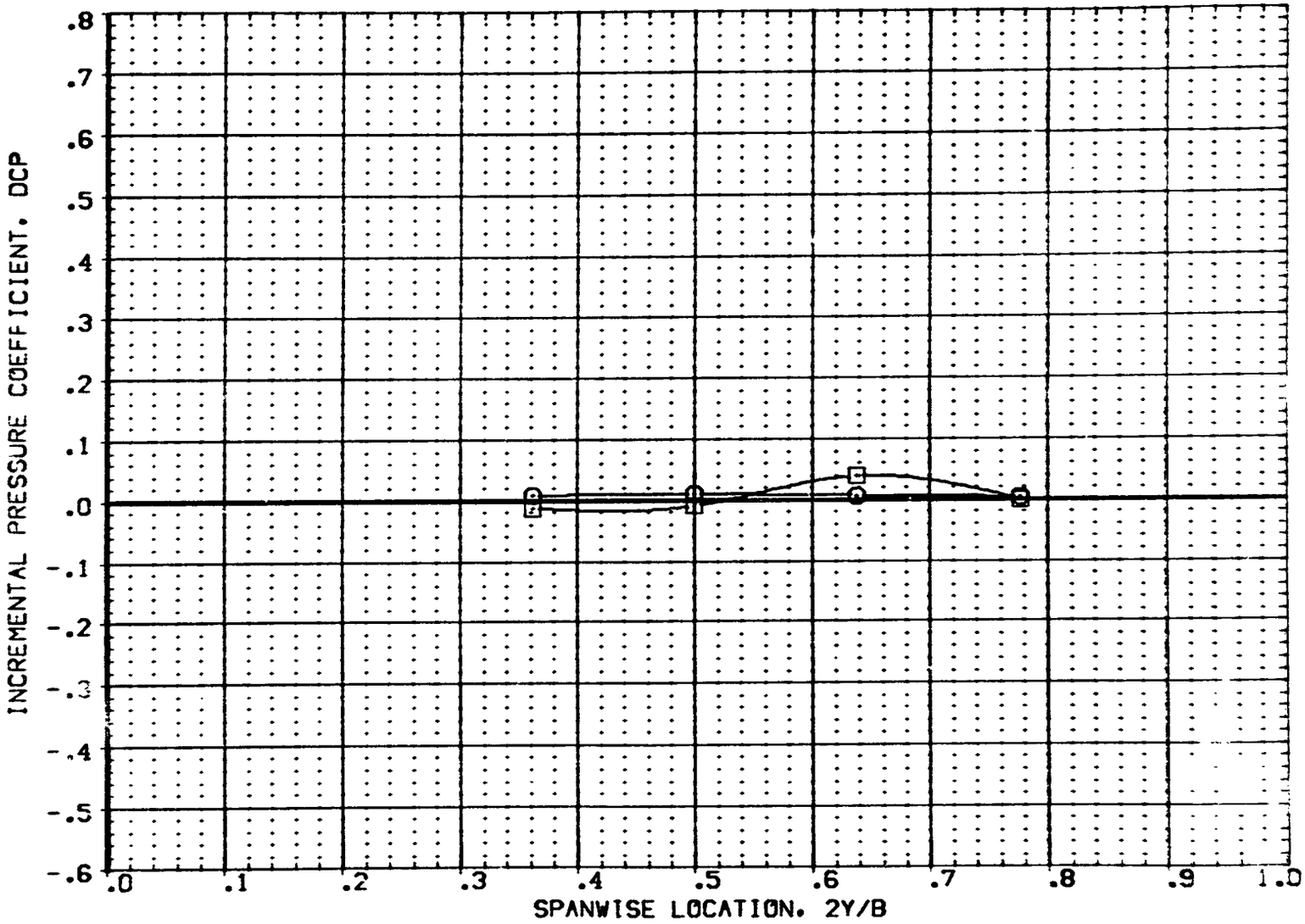

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -3.800 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	IA68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	IA68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

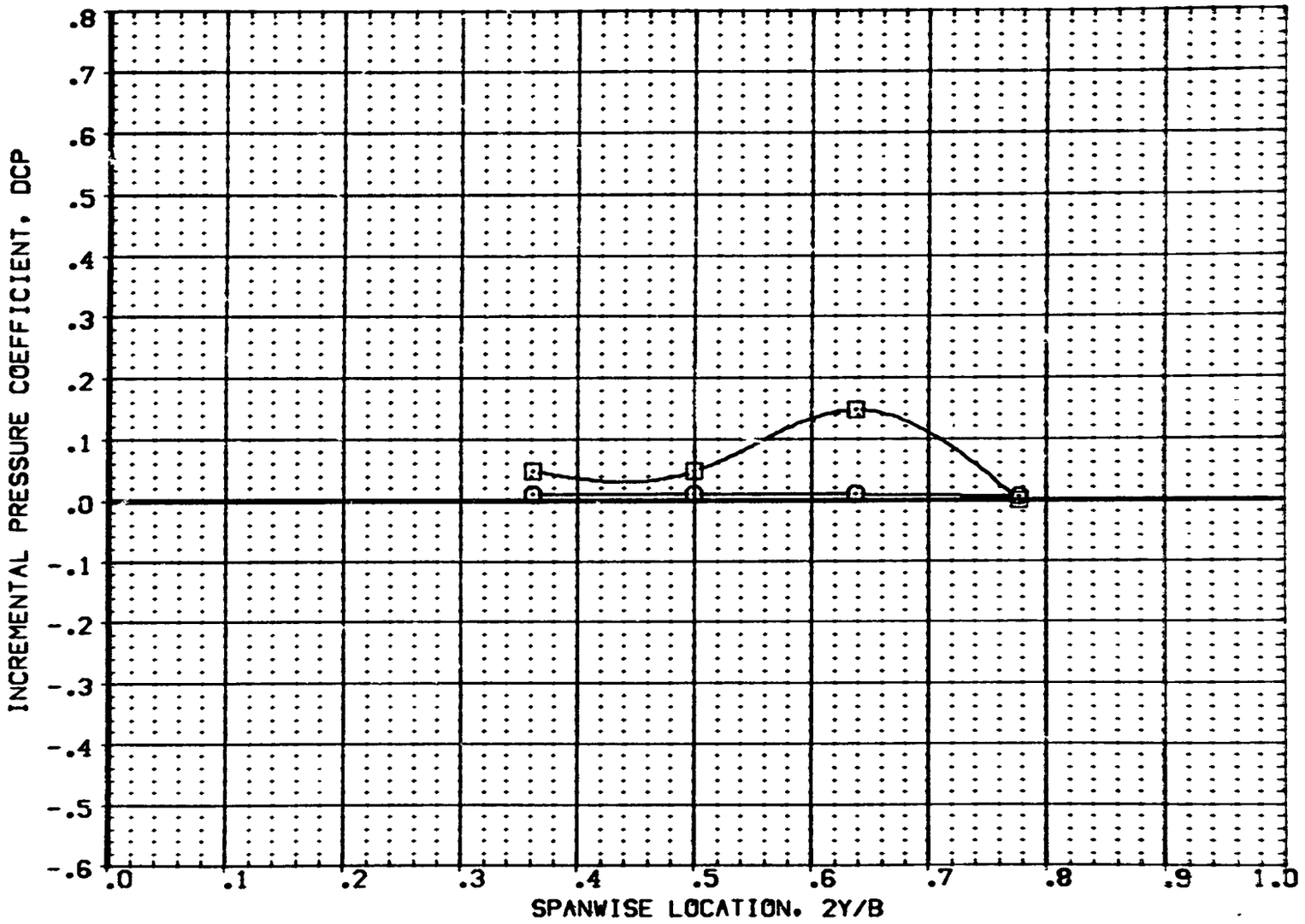

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = -1.760 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4UO8)	○	IA68 (C1F1M2(1)+FILLET) - (C1F1) UPPER WING	.000
(AF4LO8)	□	IA68 (C1F1M2(1)+FILLET) - (C1F1) LOWER WING	.000

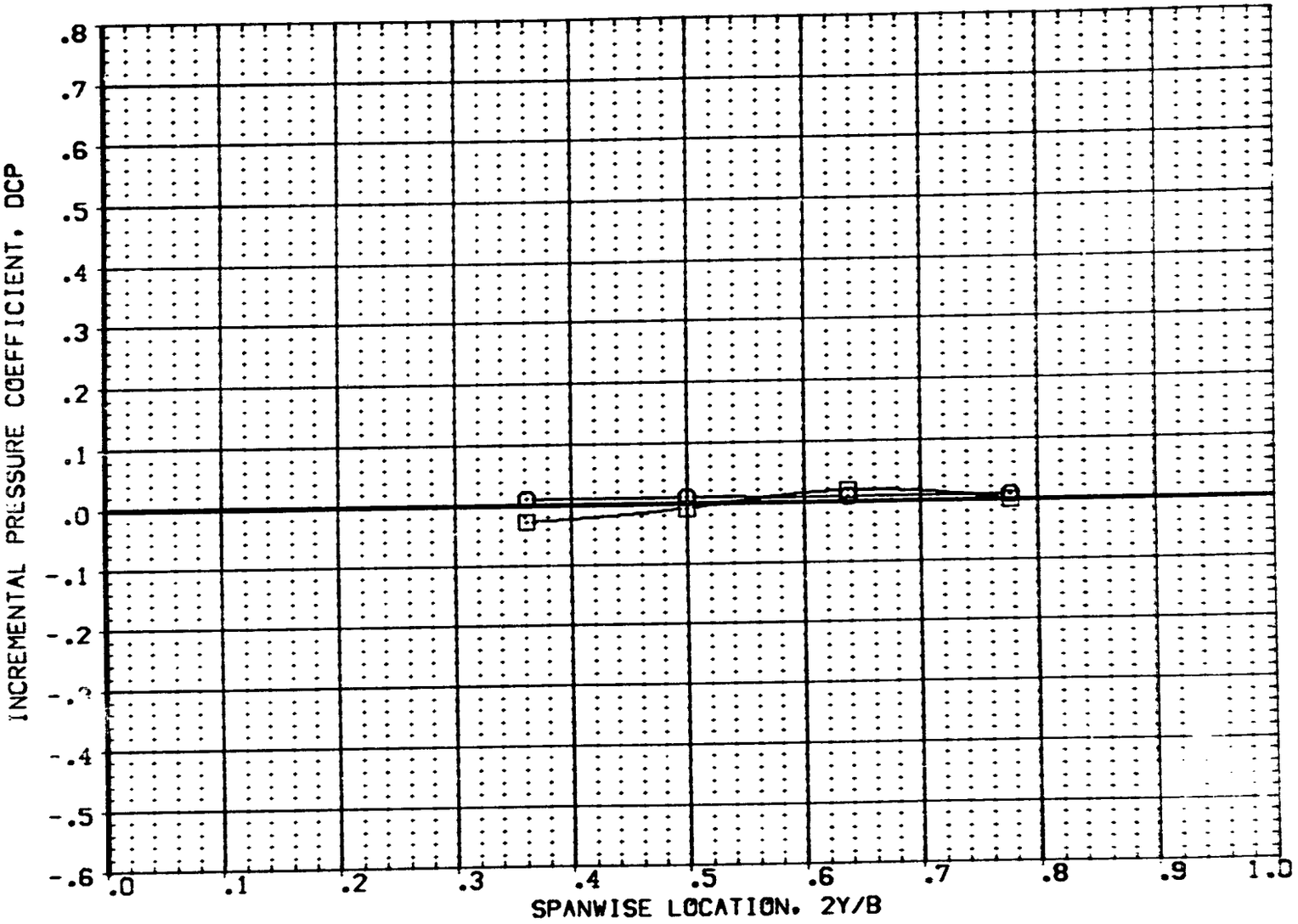

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = .210 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
(AF4L08)	○	IA68 (C1F1M2[1]+FILLET) - (C1F1) UPPER WING	.000
(AF4L08)	□	IA68 (C1F1M2[1]+FILLET) - (C1F1) LOWER WING	.000

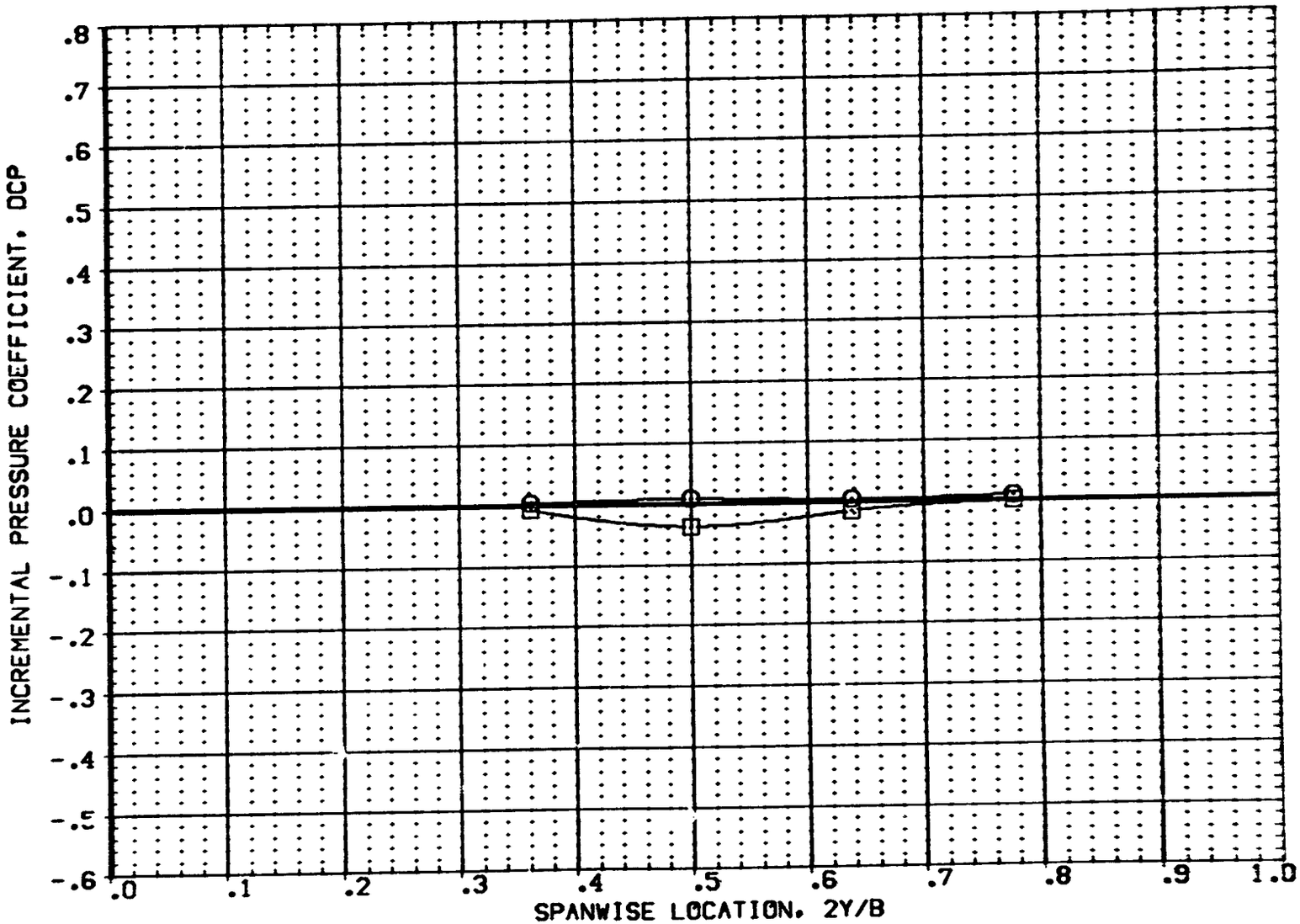

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = 2.160 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4LO8]	○	[A68 [C1F1M2[1]+FILLET] - [C1F1] UPPER WING	.000
[AF4LC8]	□	[A68 [C1F1M2[1]+FILLET] - [C1F1] LOWER WING	.000

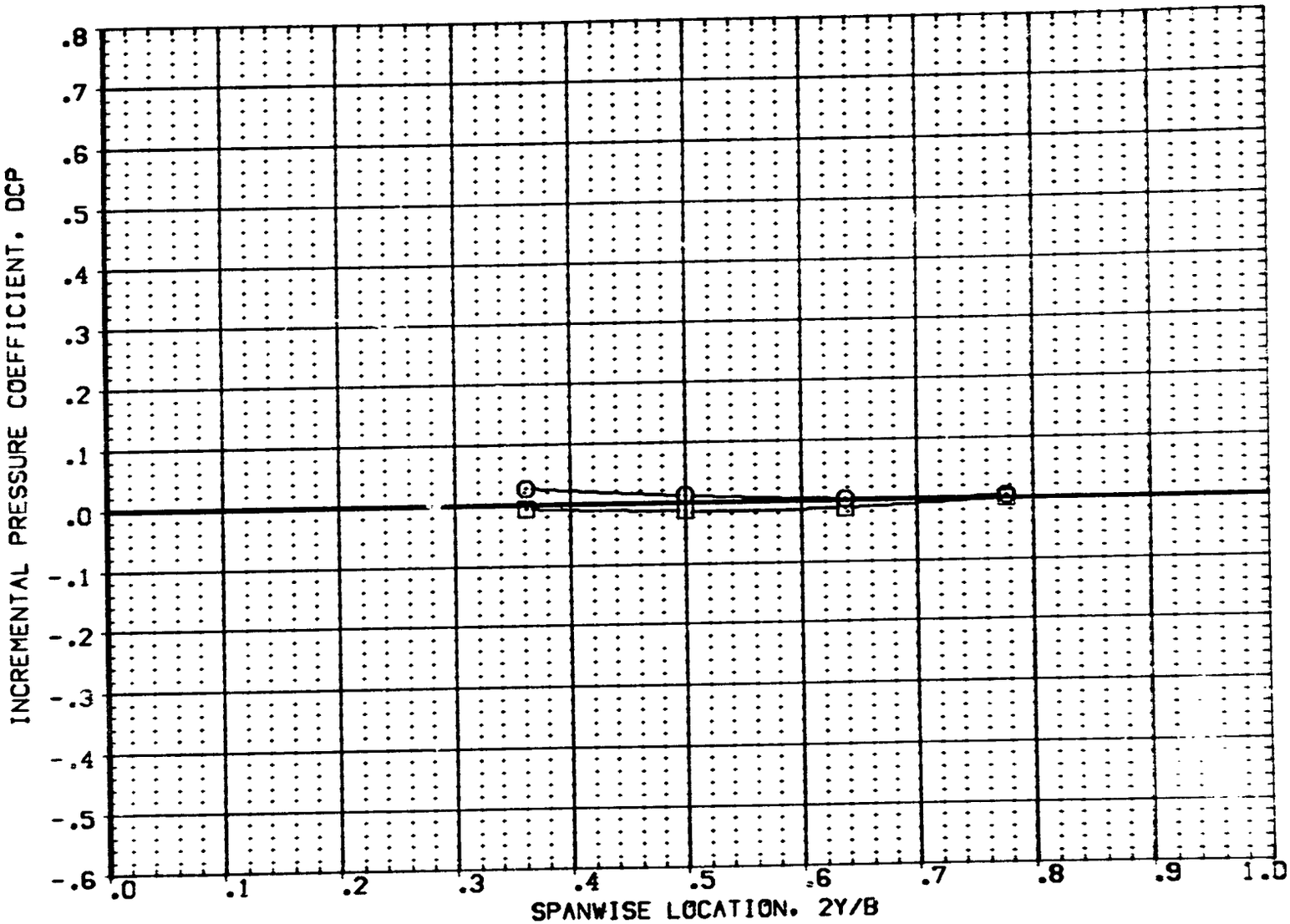

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.991 BETA = 4.060 X/C = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	IA68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L10]	□	IA68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

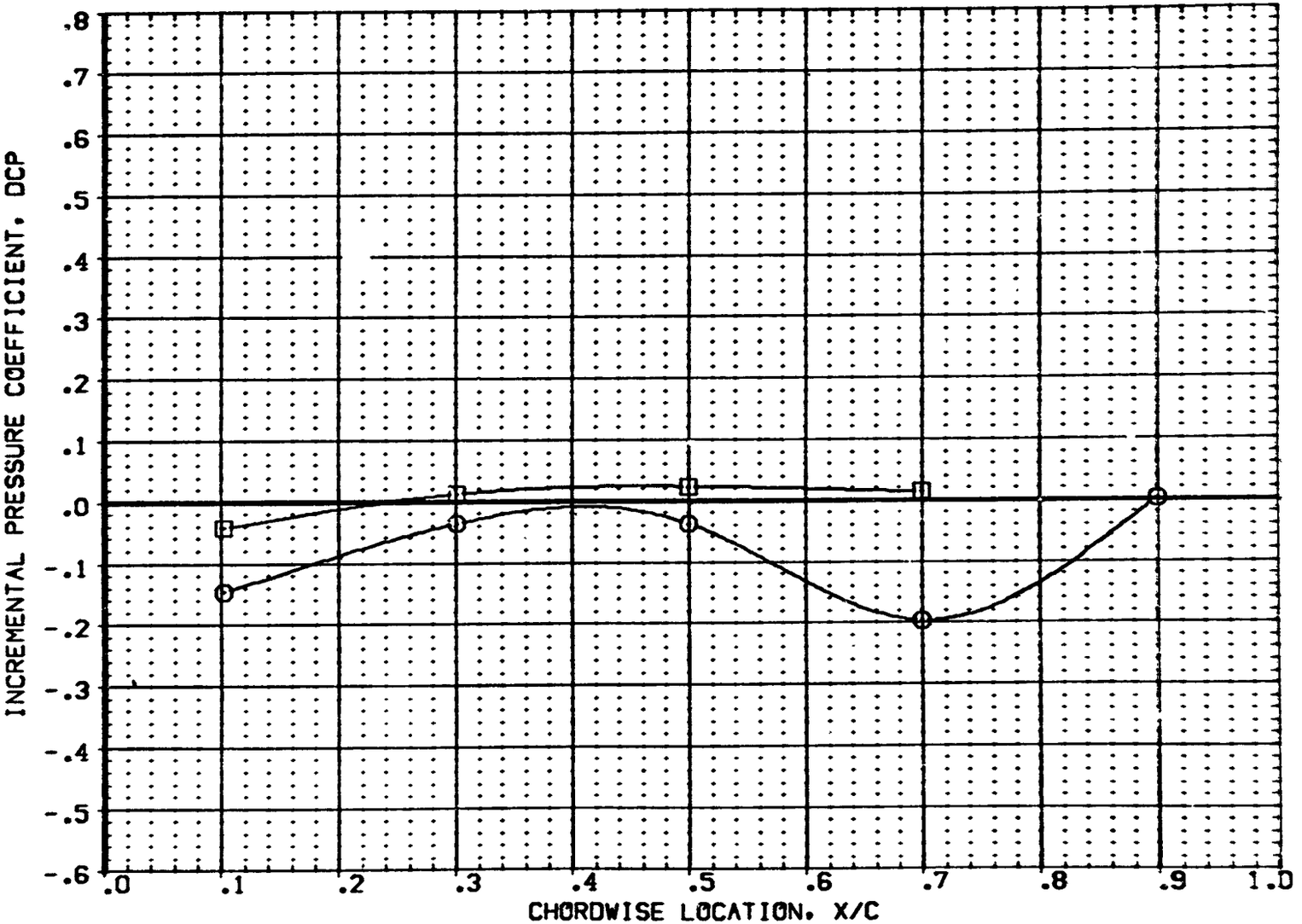

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = -3.920 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4UI0] ○	IA68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4LI0] □	IA68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

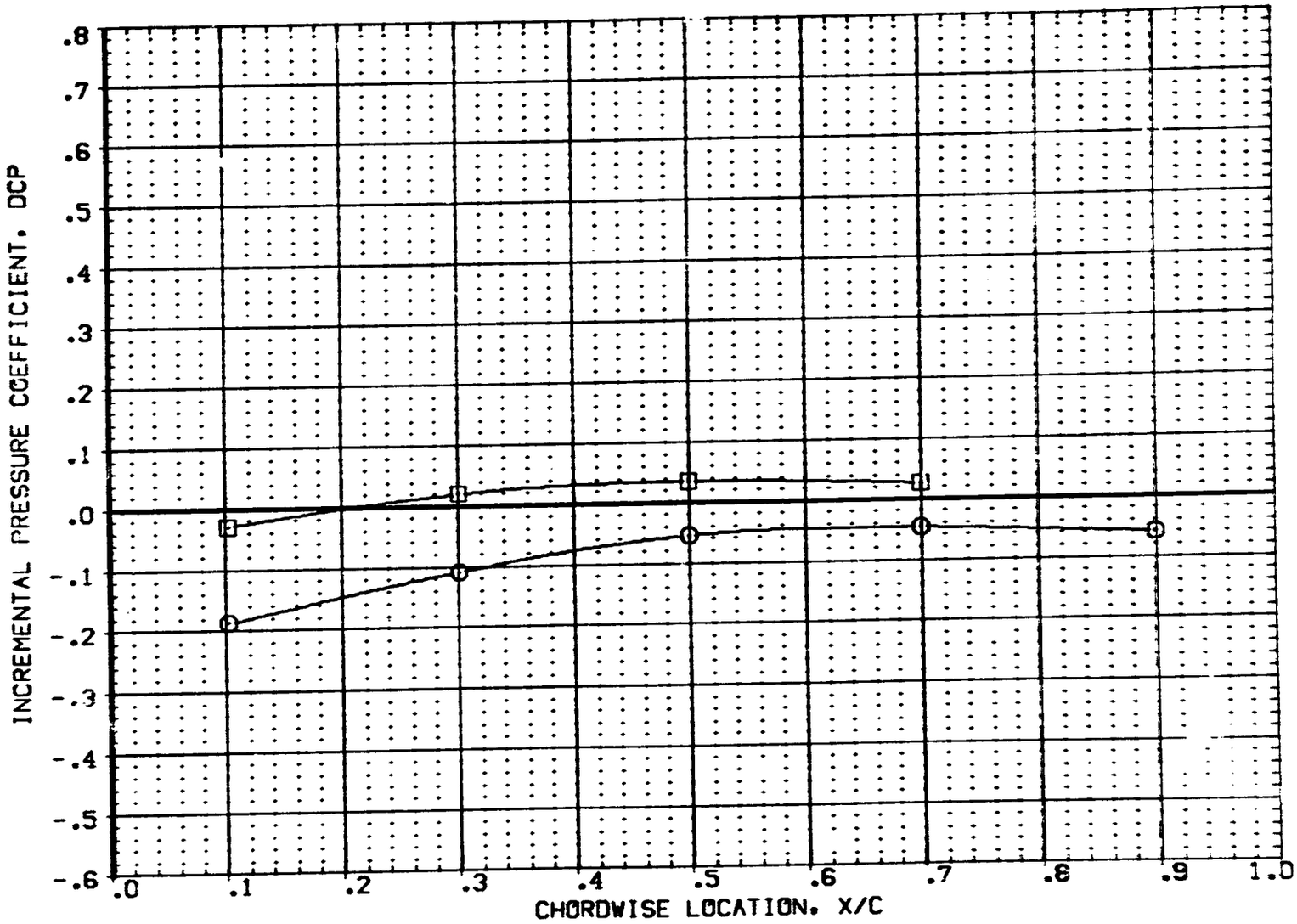

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = -1.970 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
(AF4U10) ○	IA68 (C1F1M3(1)M4(1)) - (C1F1) UPPER WING	.000
(AF4L10) □	IA68 (C1F1M3(1)M4(1)) - (C1F1) LOWER WING	.000

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = -.050 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	IA68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L10]	—	IA68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

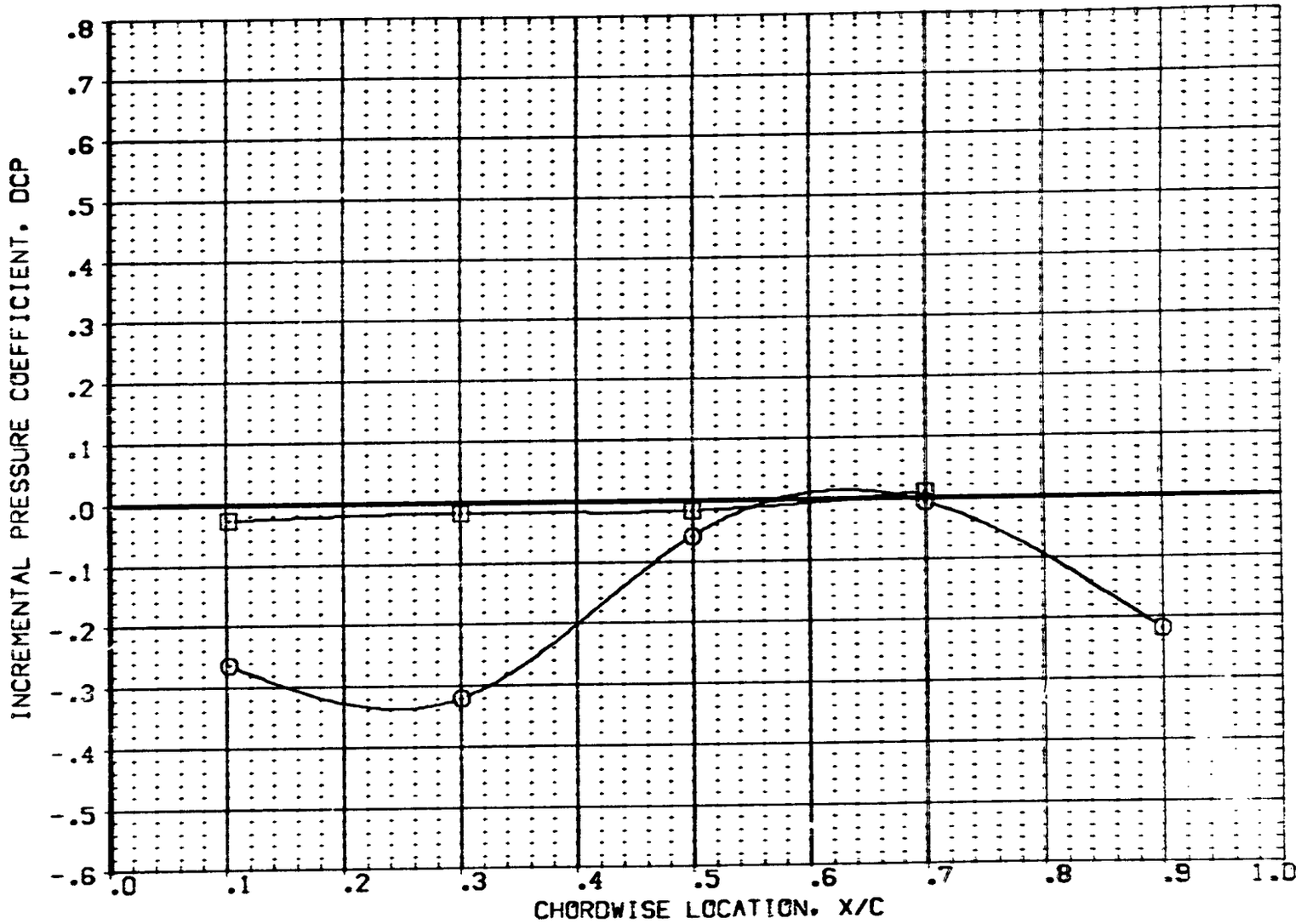

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = 1.830 2Y/B = .500

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ALPHA
[AF4UIO]	○	!A6B [CIFIM3[1]M4[1]] - [CIF1] UPPER WING	.000
[AF4LIO]	□	!A6B [CIFIM3[1]M4[1]] - [CIF1] LOWER WING	.000

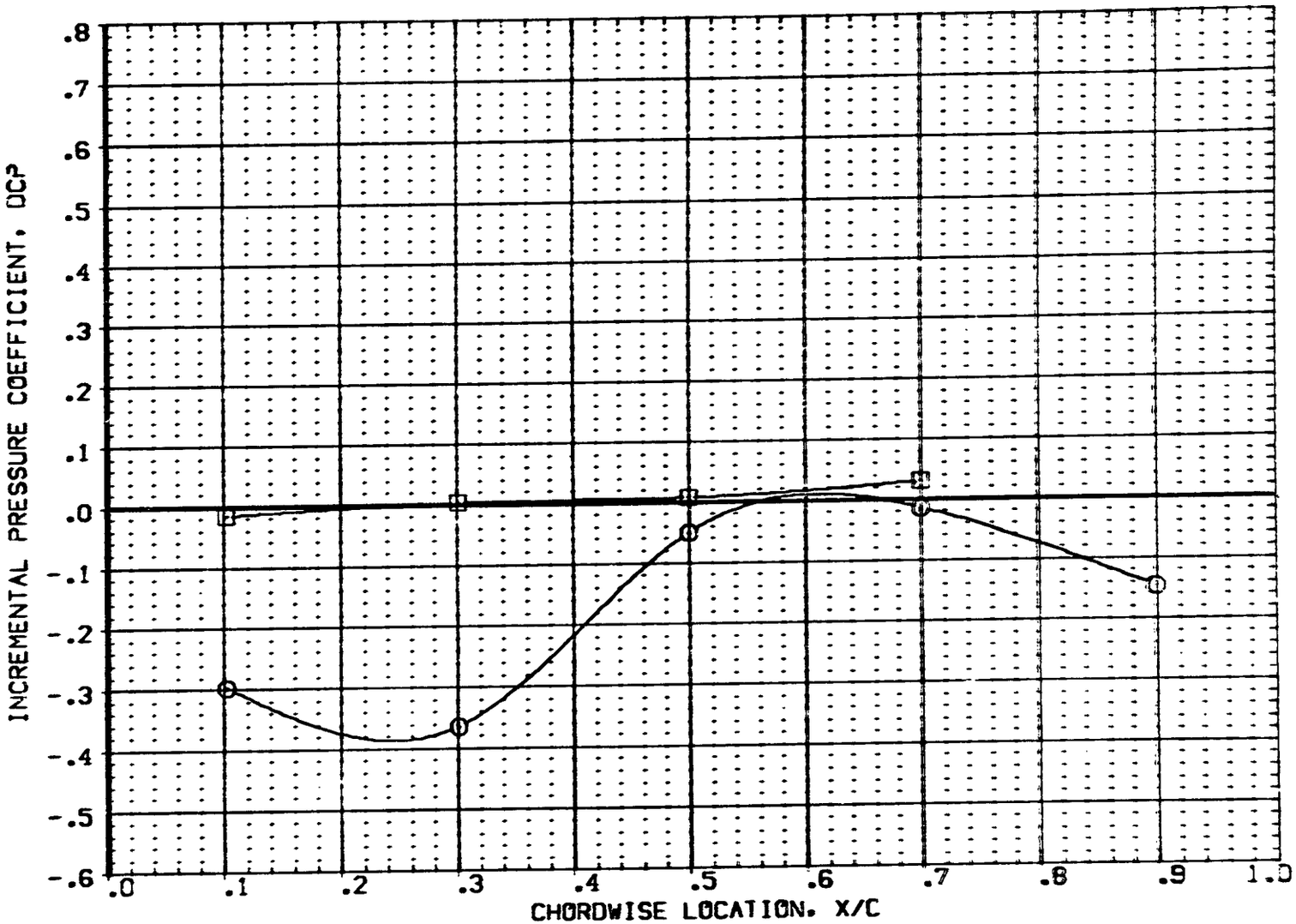

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = 3.840 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	IA68 [CIFIM3[1]M4[1]] - [CIF1] UPPER WING	.000
[AF4L10]	□	IA68 [CIFIM3[1]M4[1]] - [CIF1] LOWER WING	.000

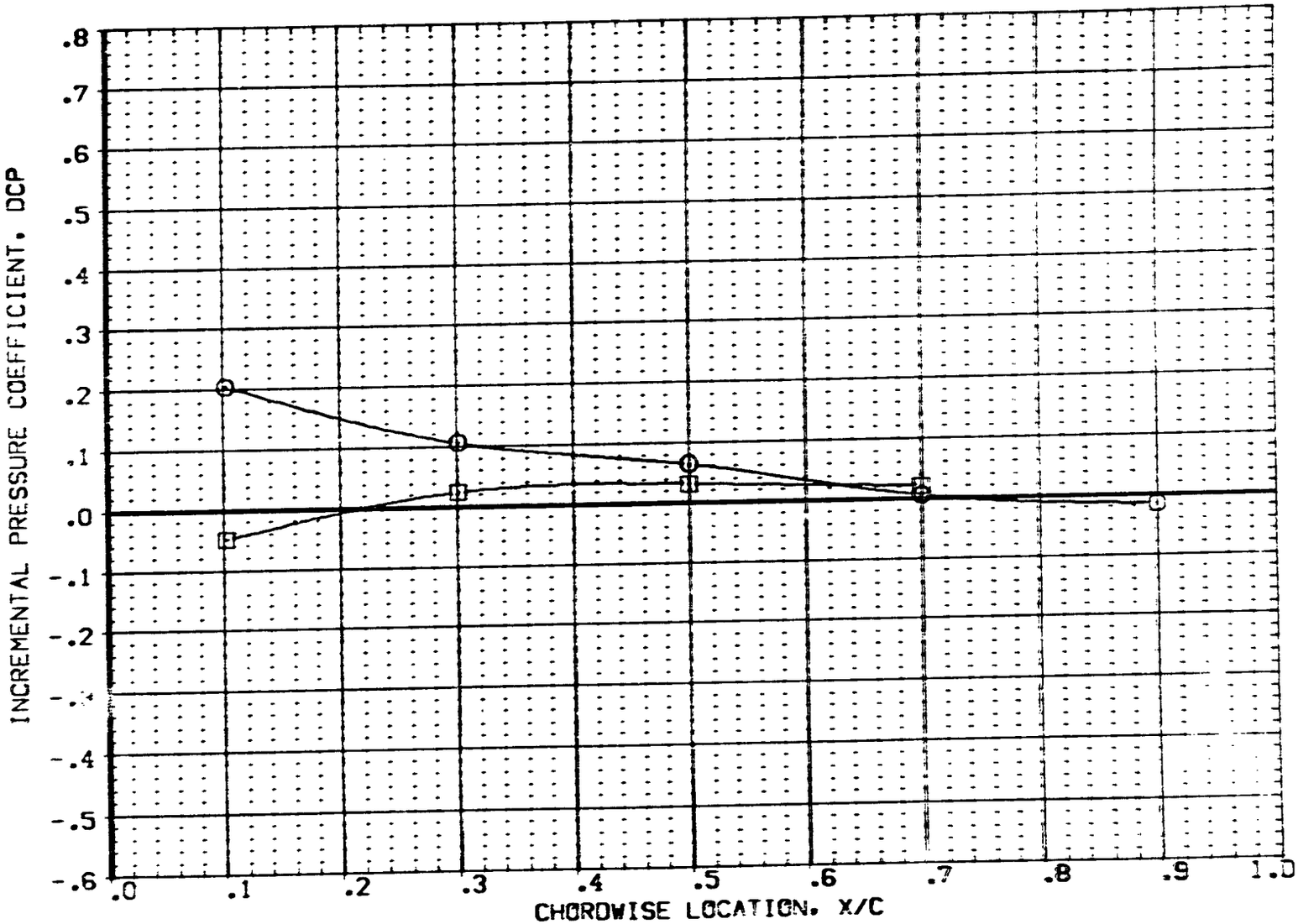

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = -3.930 2Y/B = .500

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4UI0] ○	IA68 [CIFIM3[1]M4[1]] - [CIFI] UPPER WING	.000
[AF4LI0] □	IA68 [CIFIM3[1]M4[1]] - [CIFI] LOWER WING	.000

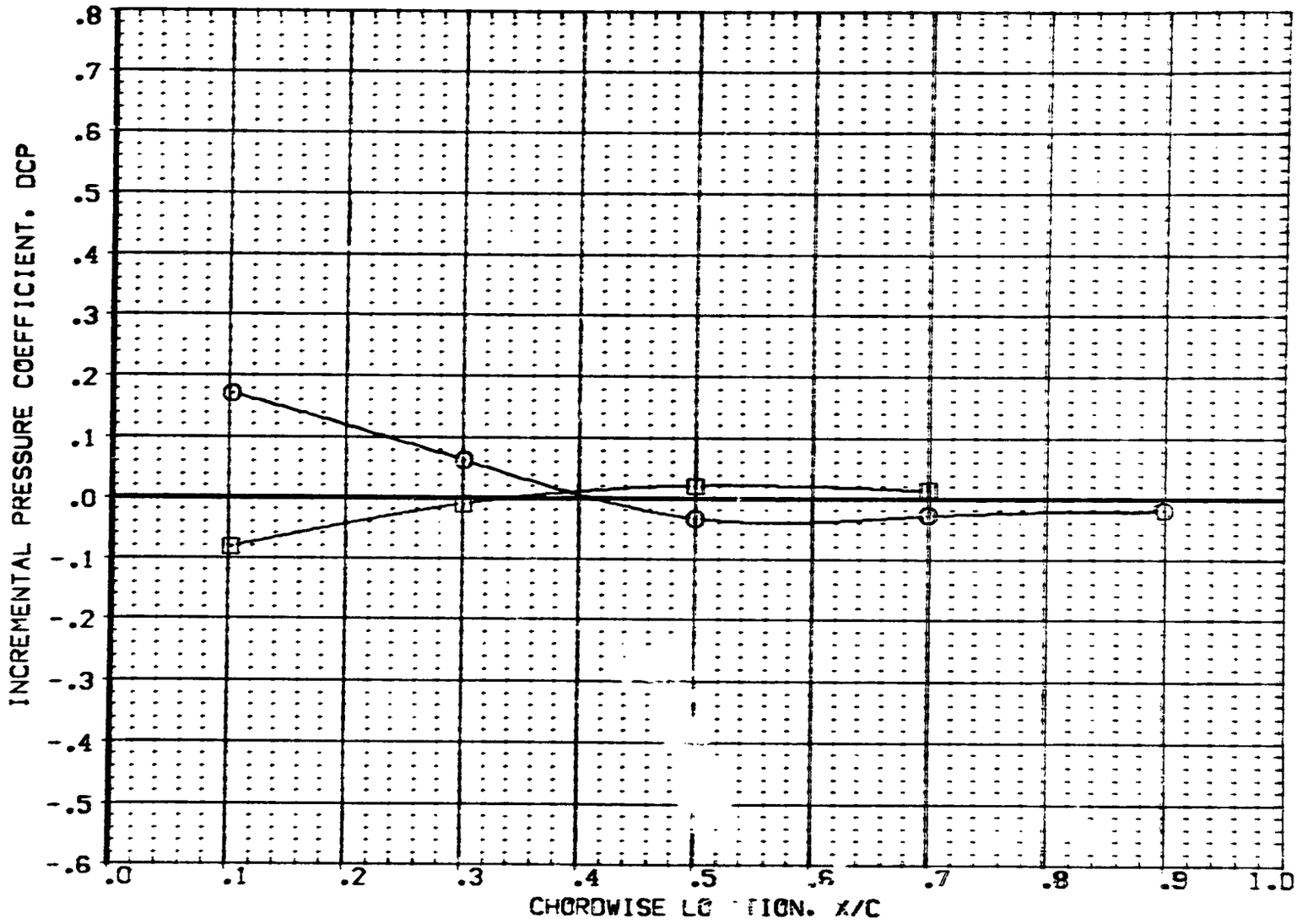

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = -2.070 2Y/B = .0

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	IA68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L10]	□	IA68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

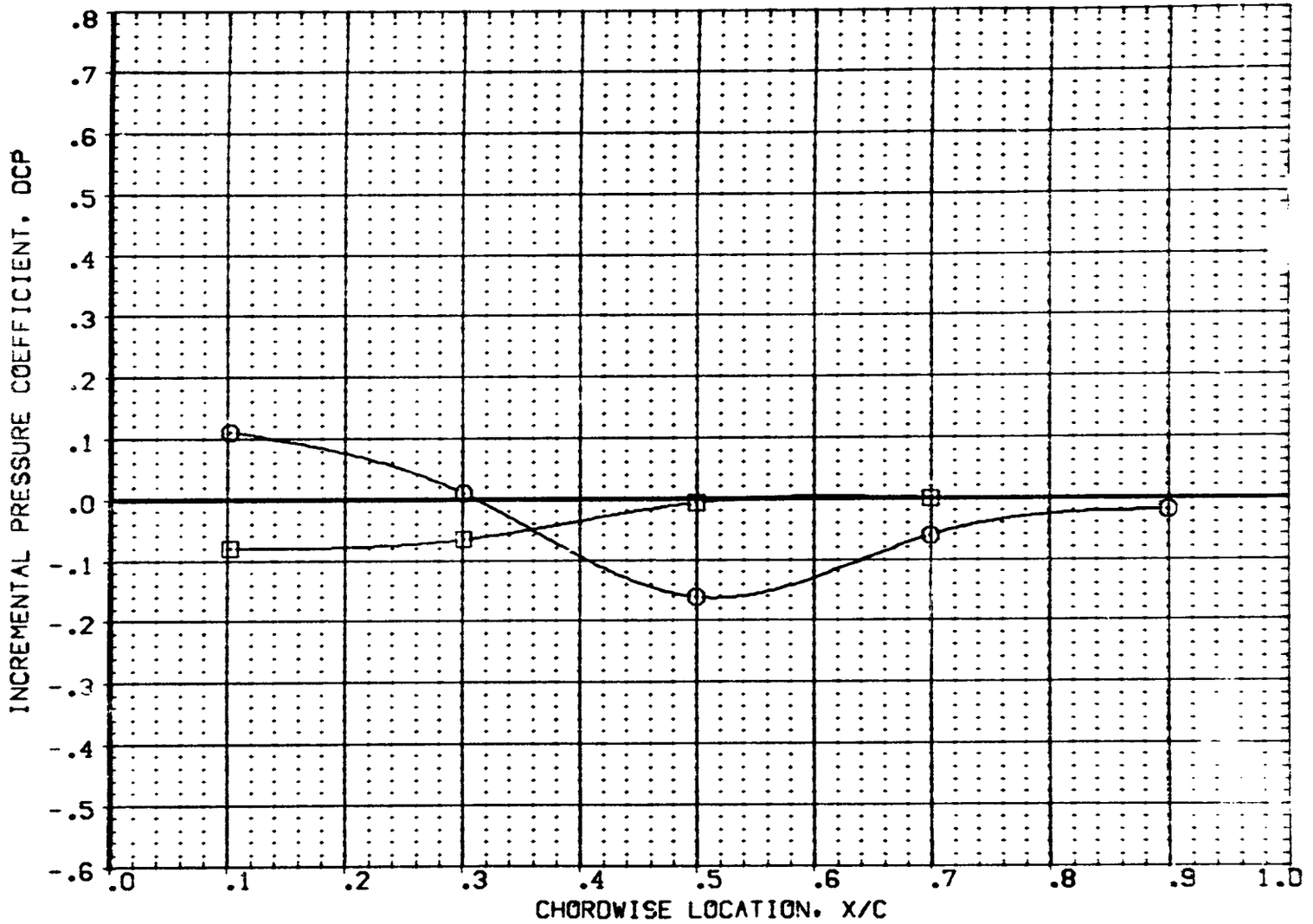

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = -.130 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4UIO]	□	IA68 [CIFIM3[1]M4[1]] - [CIFI] UPPER WING	.000
[AF4LIO]	—	IA68 [CIFIM3[1]M4[1]] - [CIFI] LOWER WING	.000

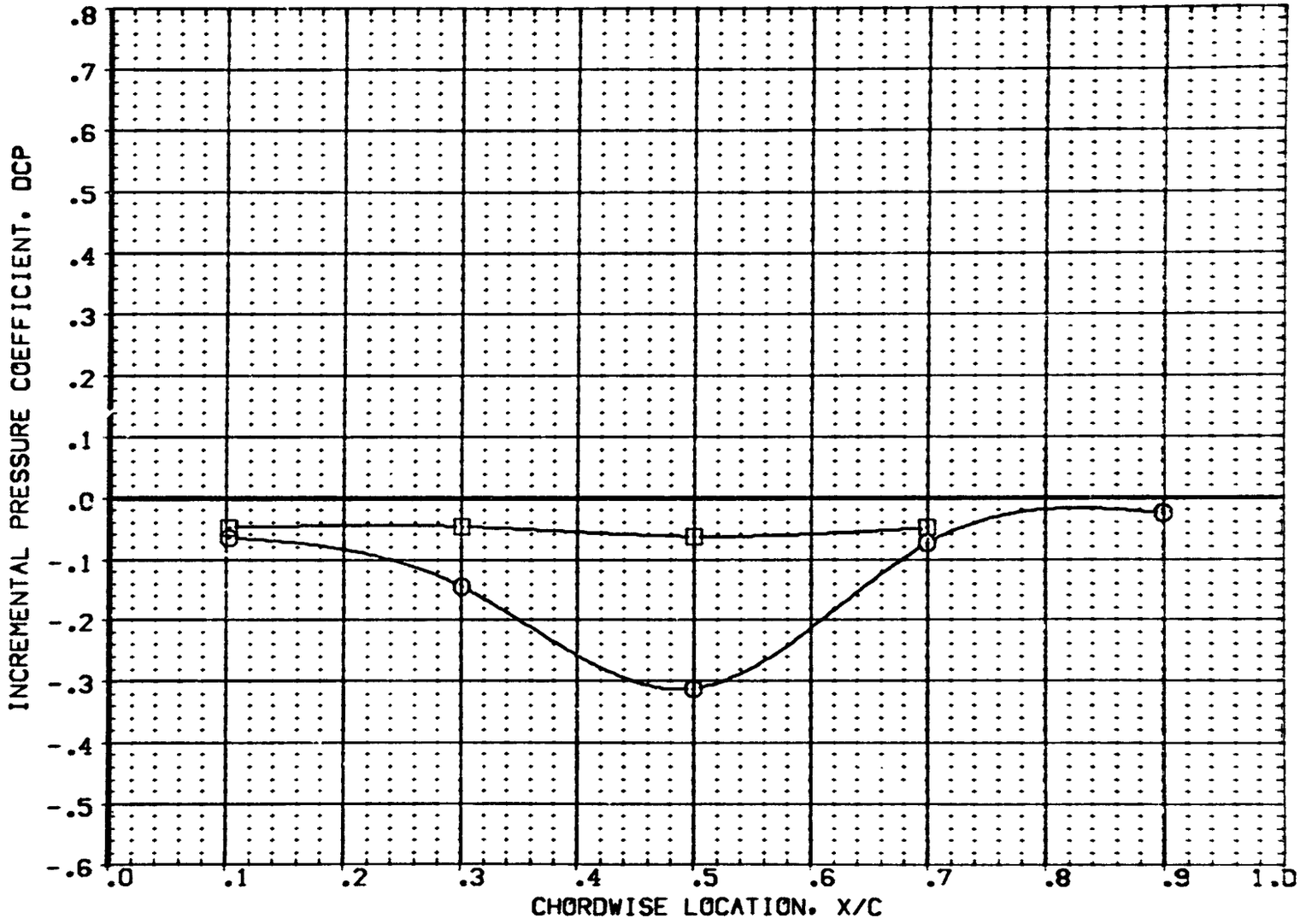

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = 3.780 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U:0]	○	IA68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L:0]	□	IA68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

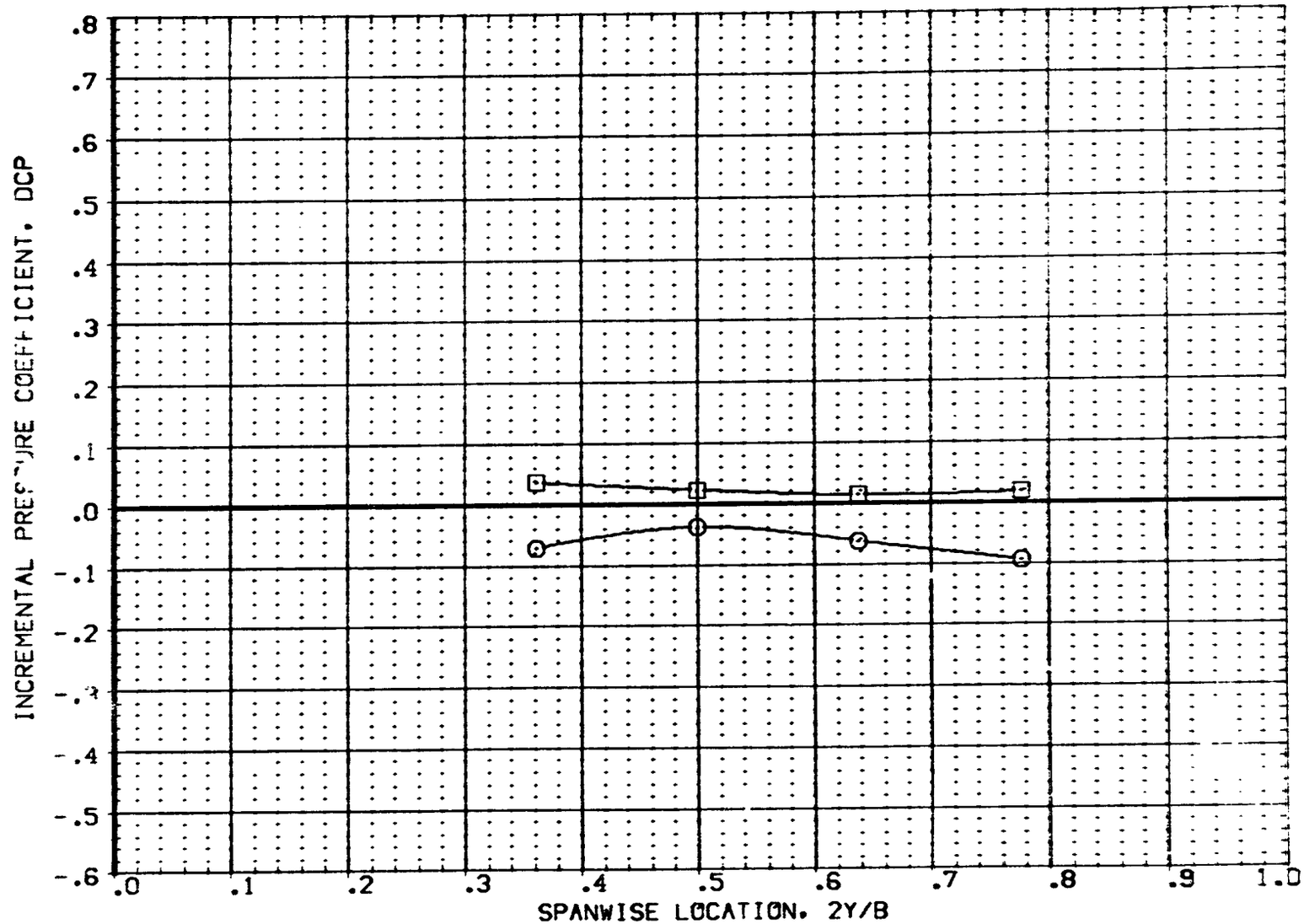

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = -3.920 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4_10]	○	IA68 [CIF1M3[1]M4[1]] - [CIF1] UPPER WING	.000
[AF4_10]	□	IA68 [CIF1M3[1]M4[1]] - [CIF1] LOWER WING	.000

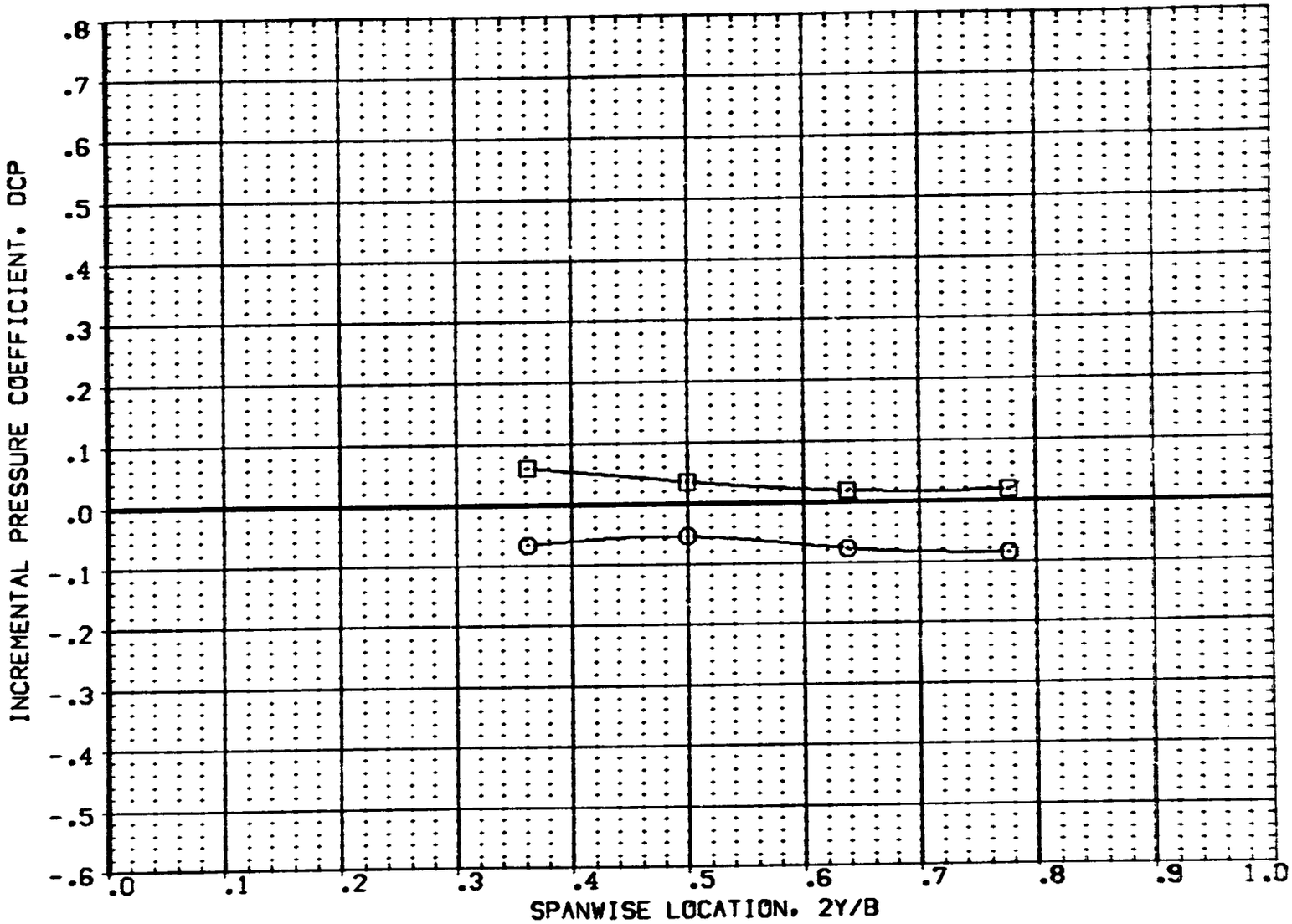

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = -1.970 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	!A68 [CIF1M3[1]M4[1]] - [CIF1] UPPER WING	.000
[AF4L10]	□	!A68 [CIF1M3[1]M4[1]] - [CIF1] LOWER WING	.000

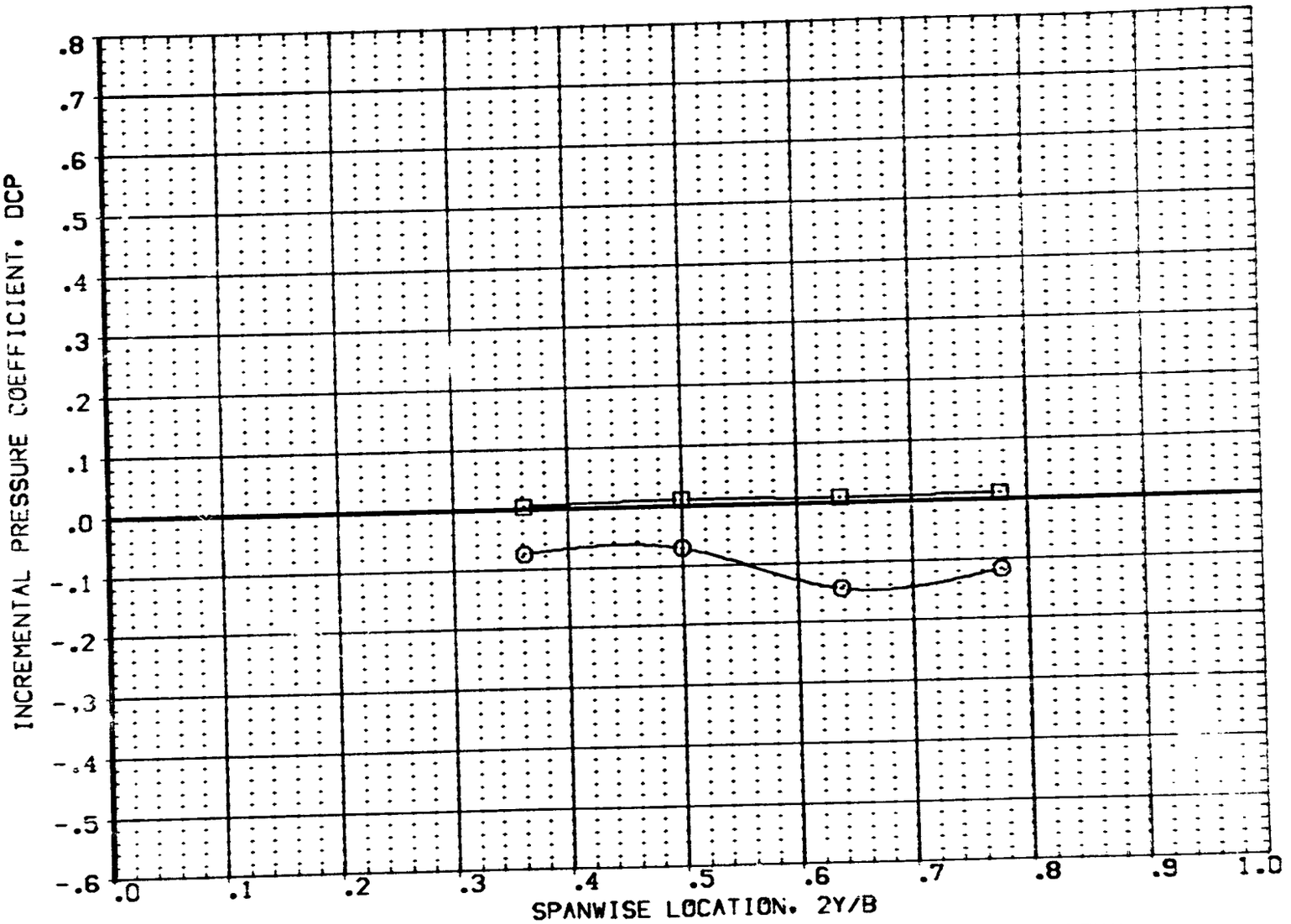

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = -.050 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	IA68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L10]	□	IA68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

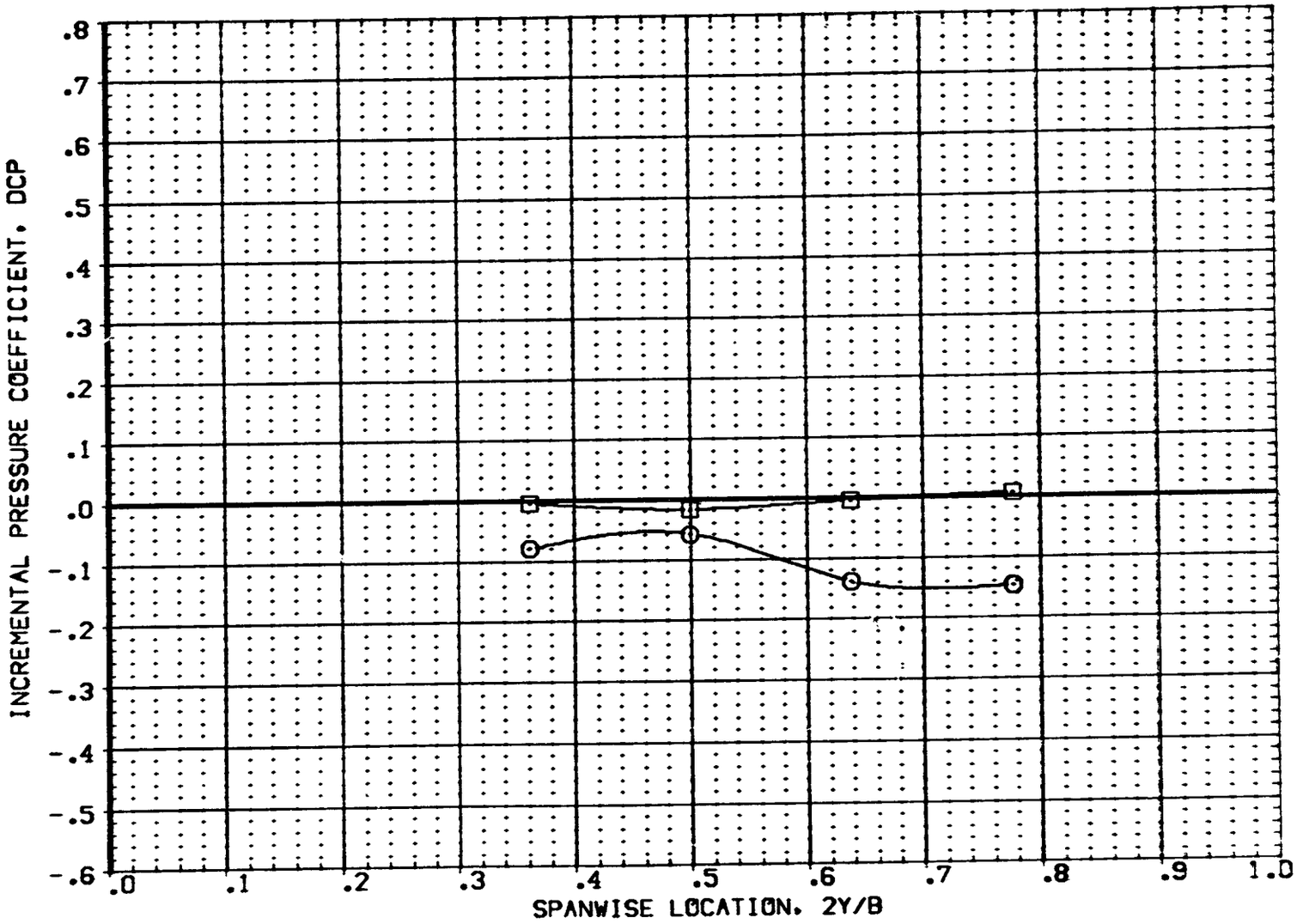

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = 1.830 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4UI0]	Ω	IA68 [C1F1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4LI0]	—	IA68 [C1F1M3[1]M4[1]] - [C1F1] LOWER WING	.000

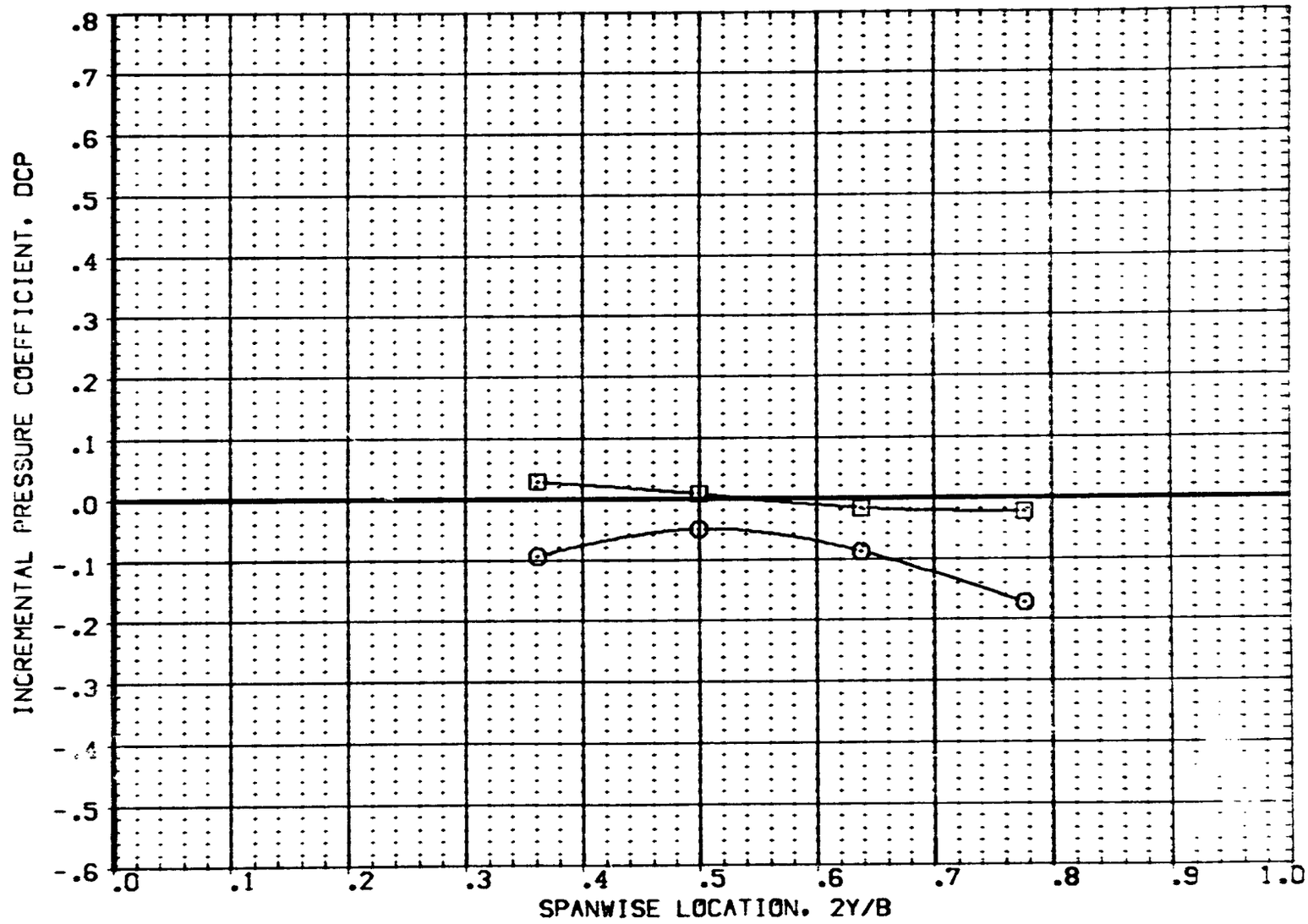

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = .897 BETA = 3.840 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	IA68 [CIF[M3[1]M4[1]] - [CIF1] UPPER WING	.000
[AF4L10]	□	IA68 [CIF[M3[1]M4[1]] - [CIF1] LOWER WING	.000

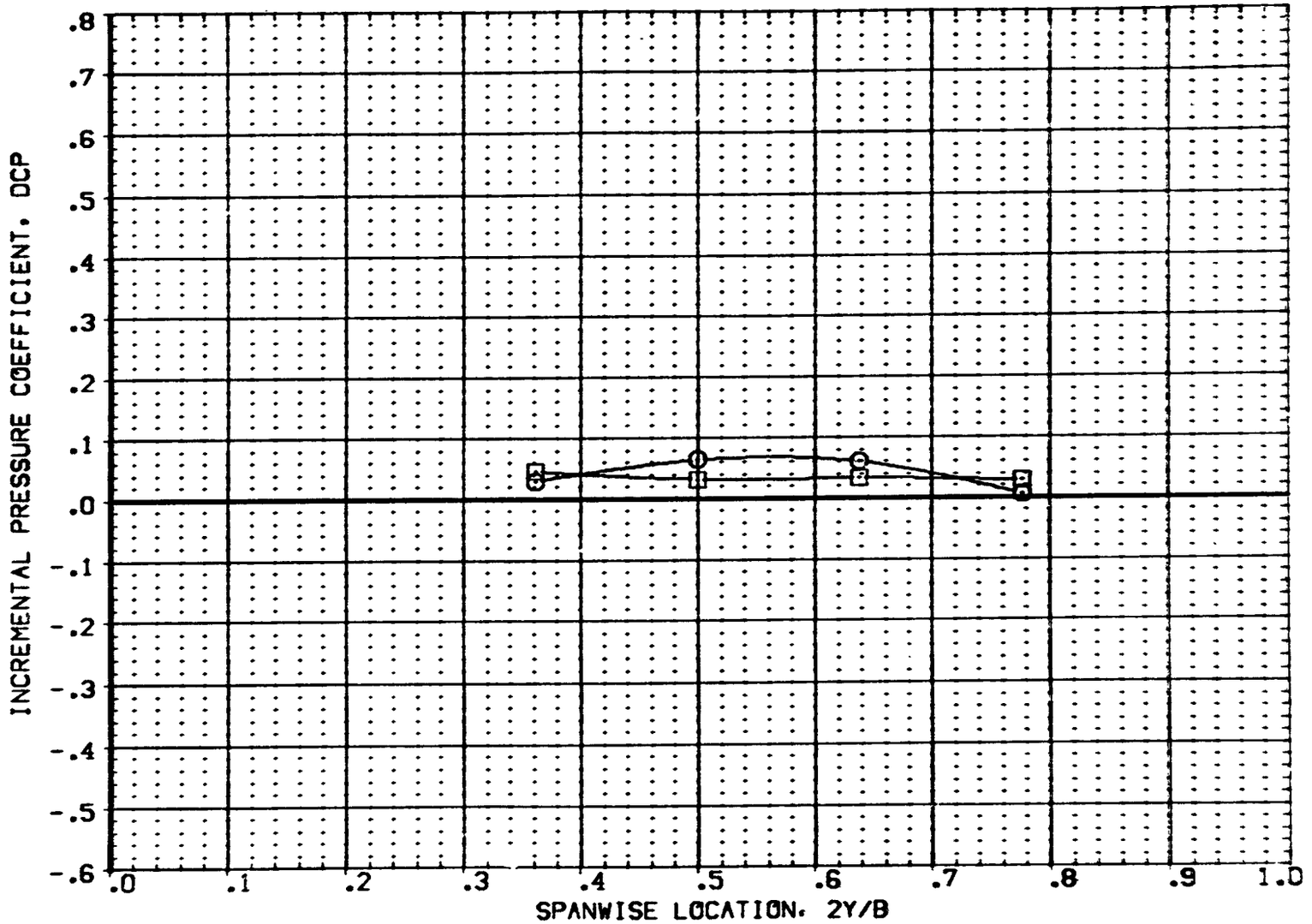

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = -3.930 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	IA68 [CIFIM3[1]M4[1]] - [CIF1] UPPER WING	.000
[AF4L10]	□	IA68 [CIFIM3[1]M4[1]] - [CIF1] LOWER WING	.000

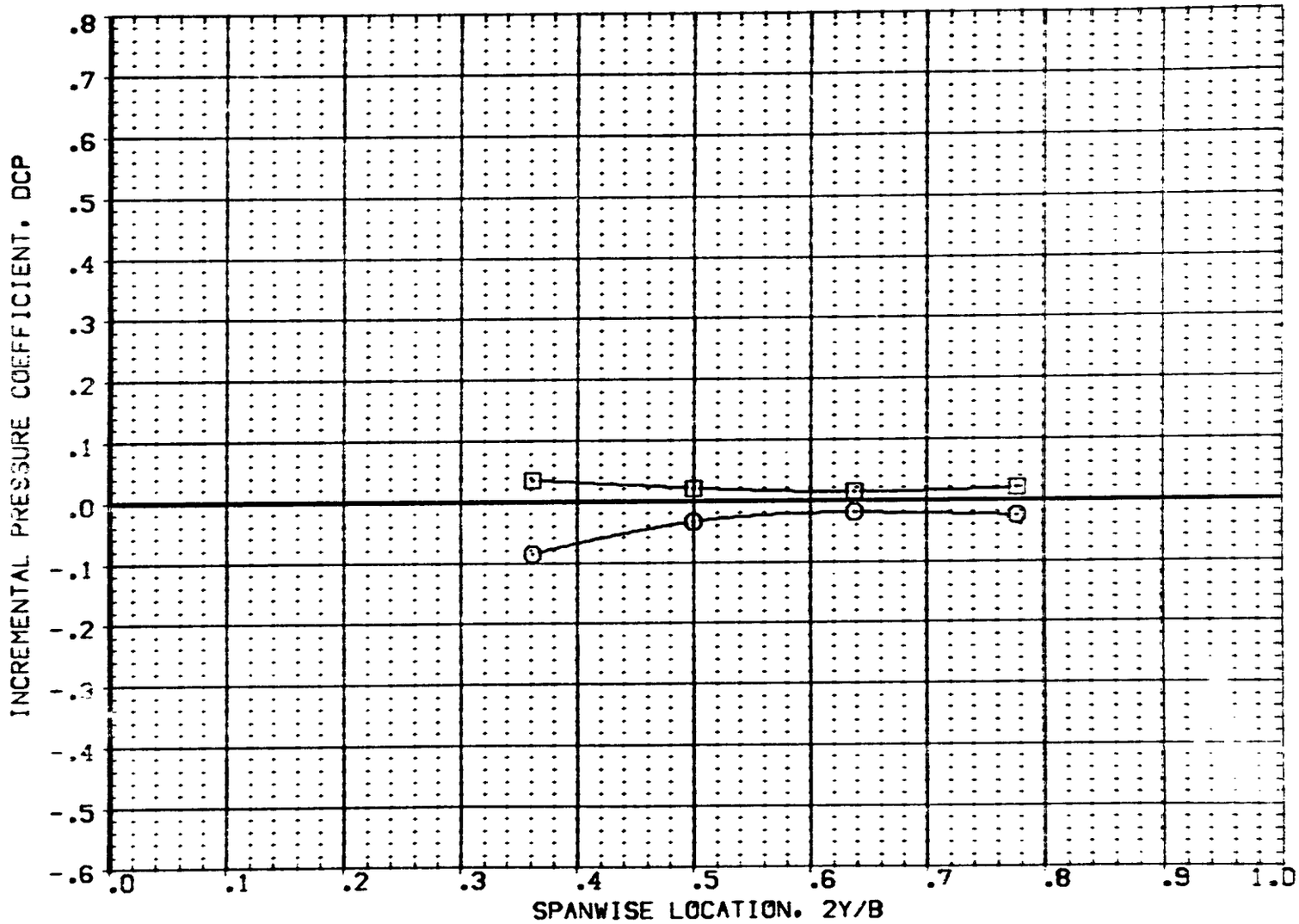

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = -2.070 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	!A68 [CIF!M3[!]M4[!]] - [CIF!] UPPER WING	.000
[AF4L10]	□	!A68 [CIF!M3[!]M4[!]] - [CIF!] LOWER WING	.000

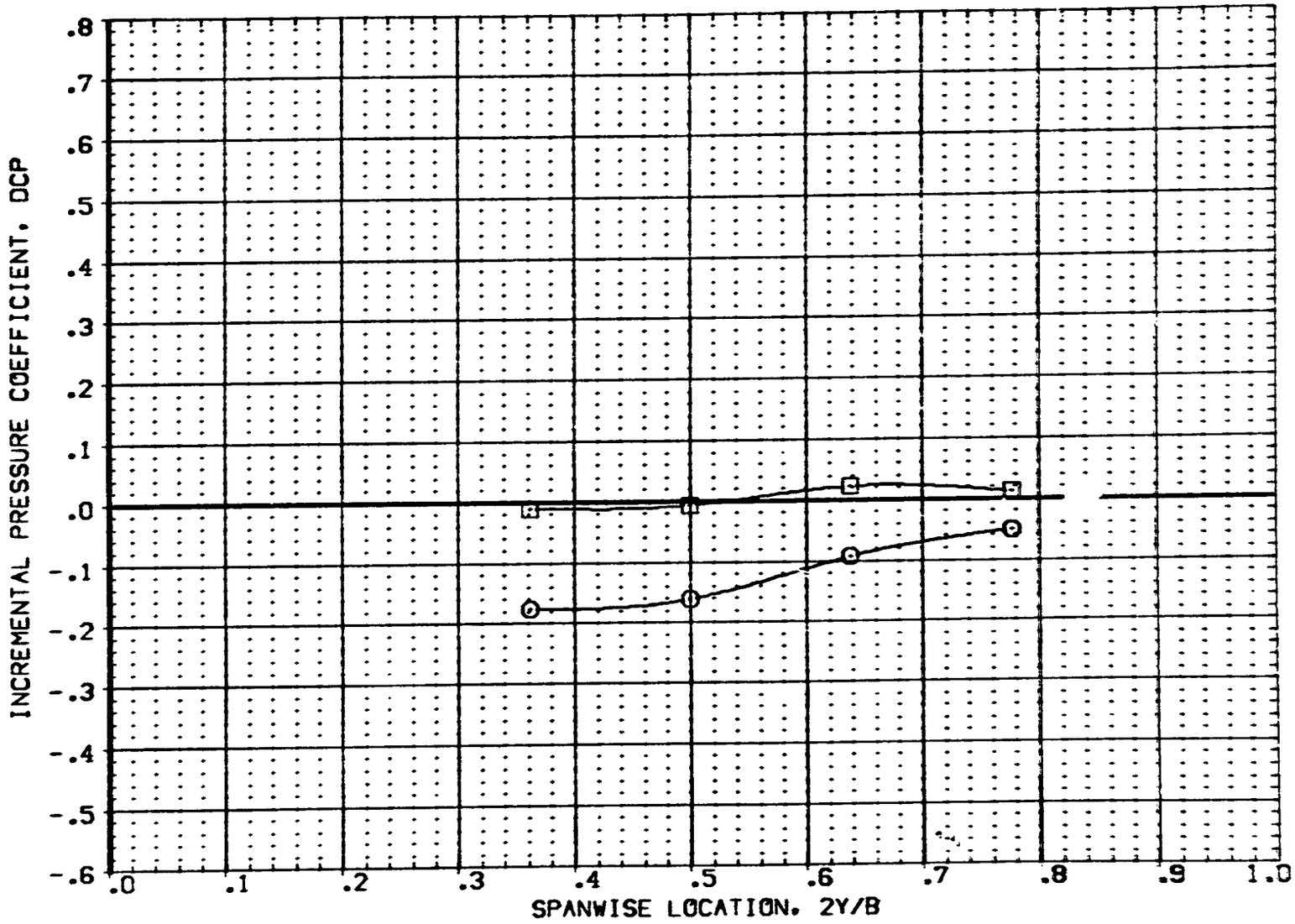

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH 1.210 BETA = -.130 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA
[AF4U10]	○	[A68 [CIF1M3[1]M4[1]] - [C1F1] UPPER WING	.000
[AF4L10]	□	[A68 [CIF1M3[1]M4[1]] - [C1F1] LOWER WING	.000

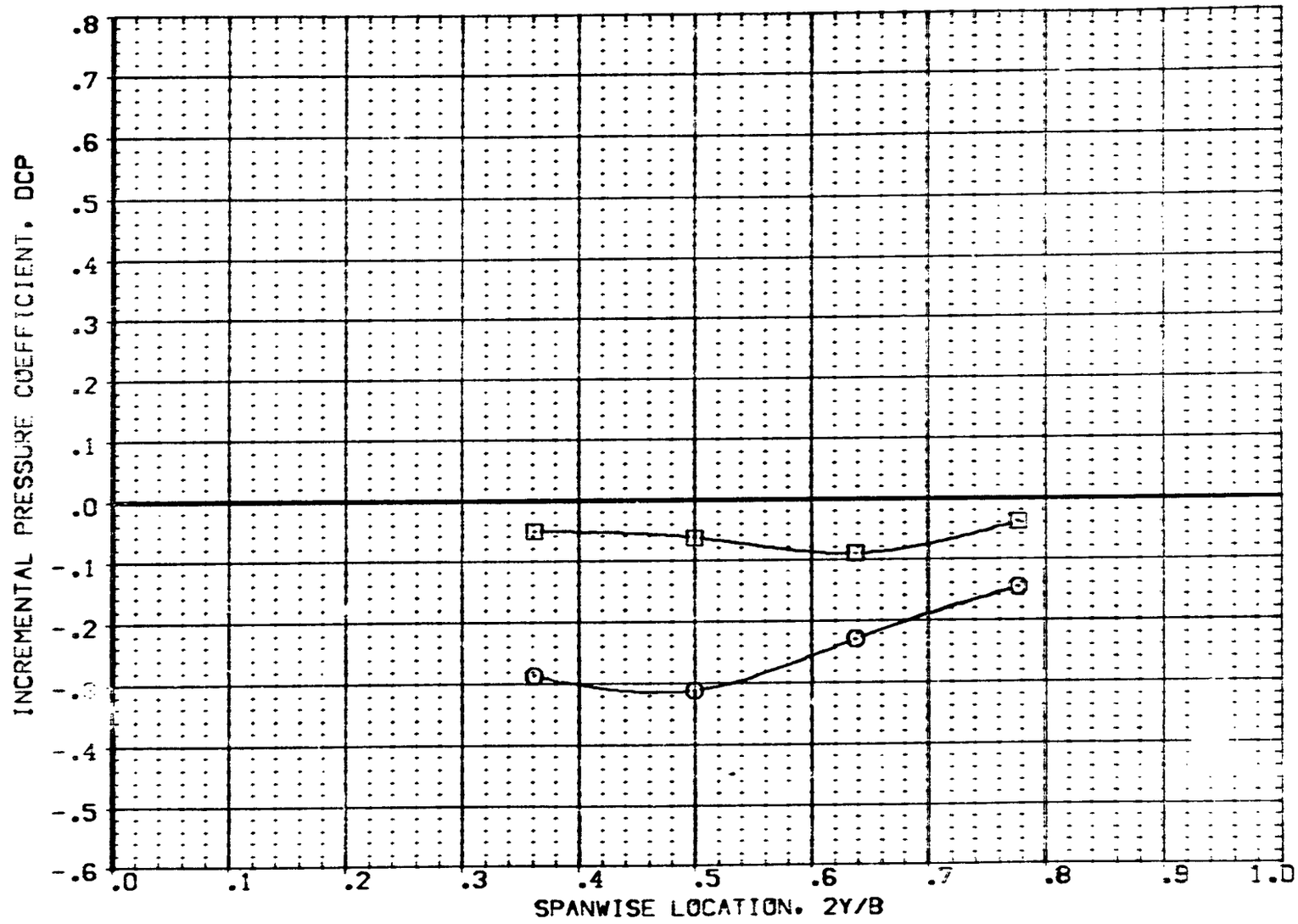

FIG 11 STRUT DIFFERENTIAL WING PRESSURE COEFFICIENTS - BETA SWEEPS

MACH = 1.210 BETA = 3.780 X/C = .500

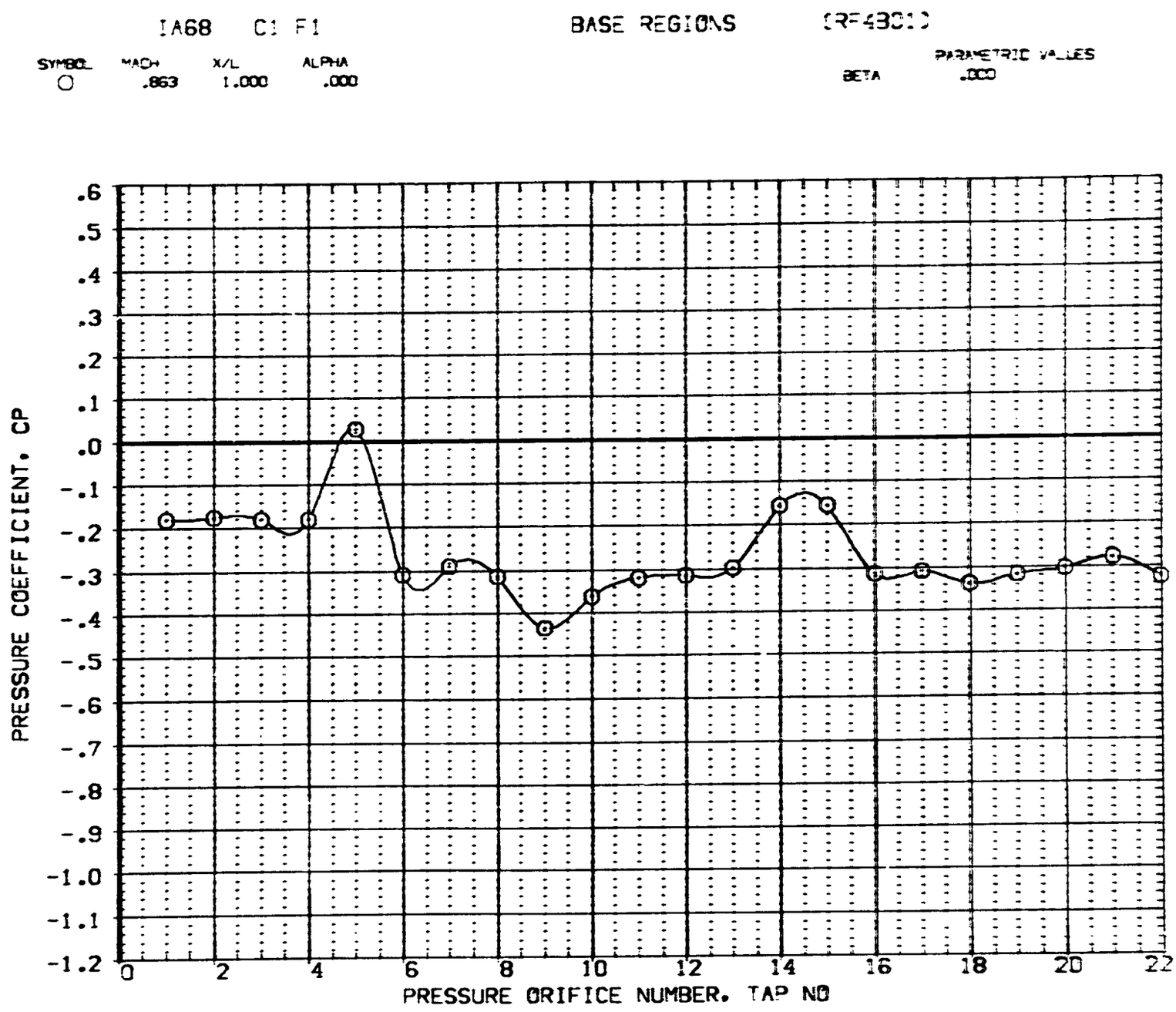

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

SYMBOL	MACH	X/L	ALPHA
○	.896	1.000	-4.000
□	1.211		
◇	1.503		

PARAMETRIC VALUES
BETA .000

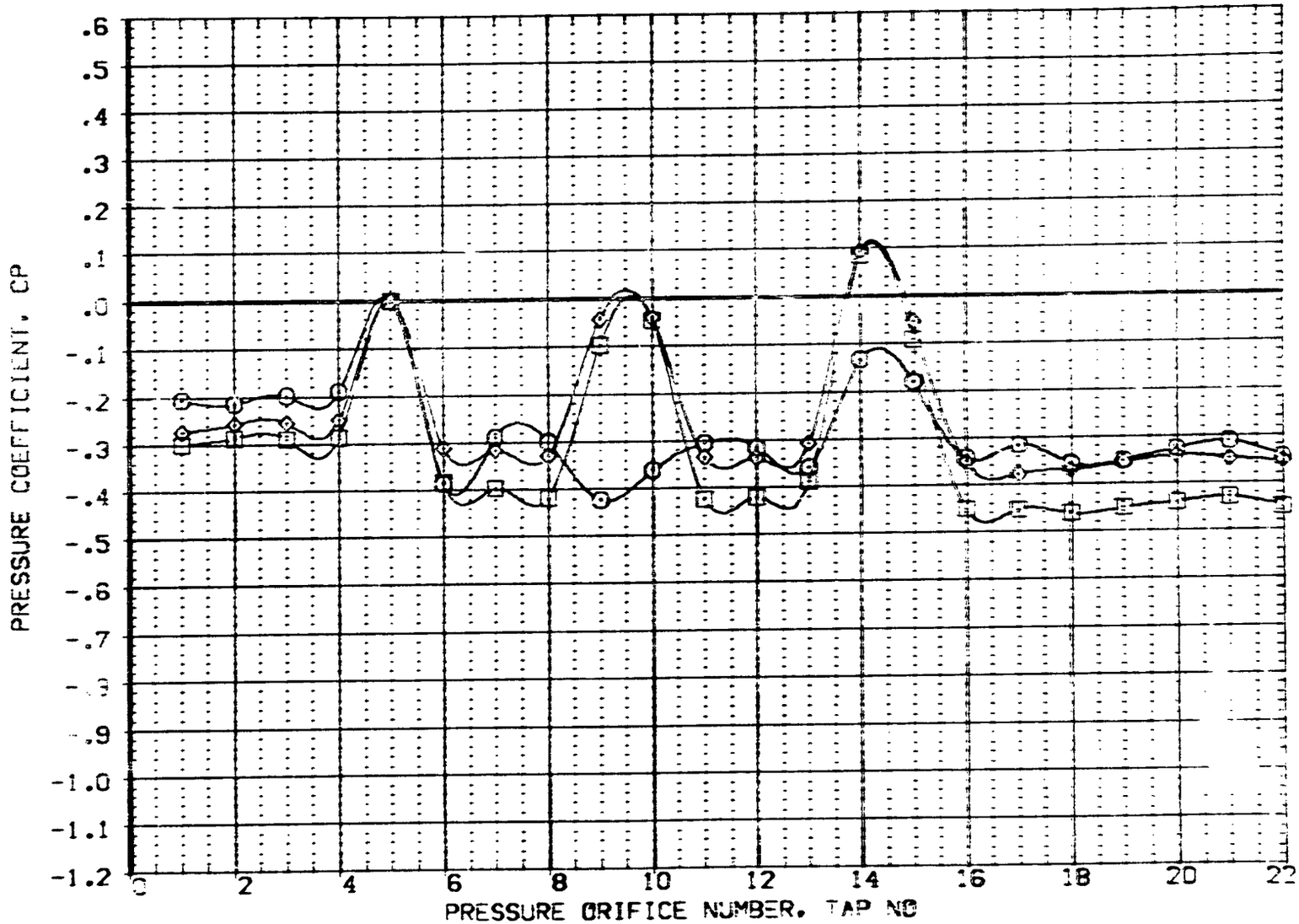

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

IA68 C1 F1 BASE REGIONS (PF43D2)

SYMBOL	MACH	X/L	ALPHA
○	1.991	1.000	-3.770

PARAMETRIC VALUES
BETA .000

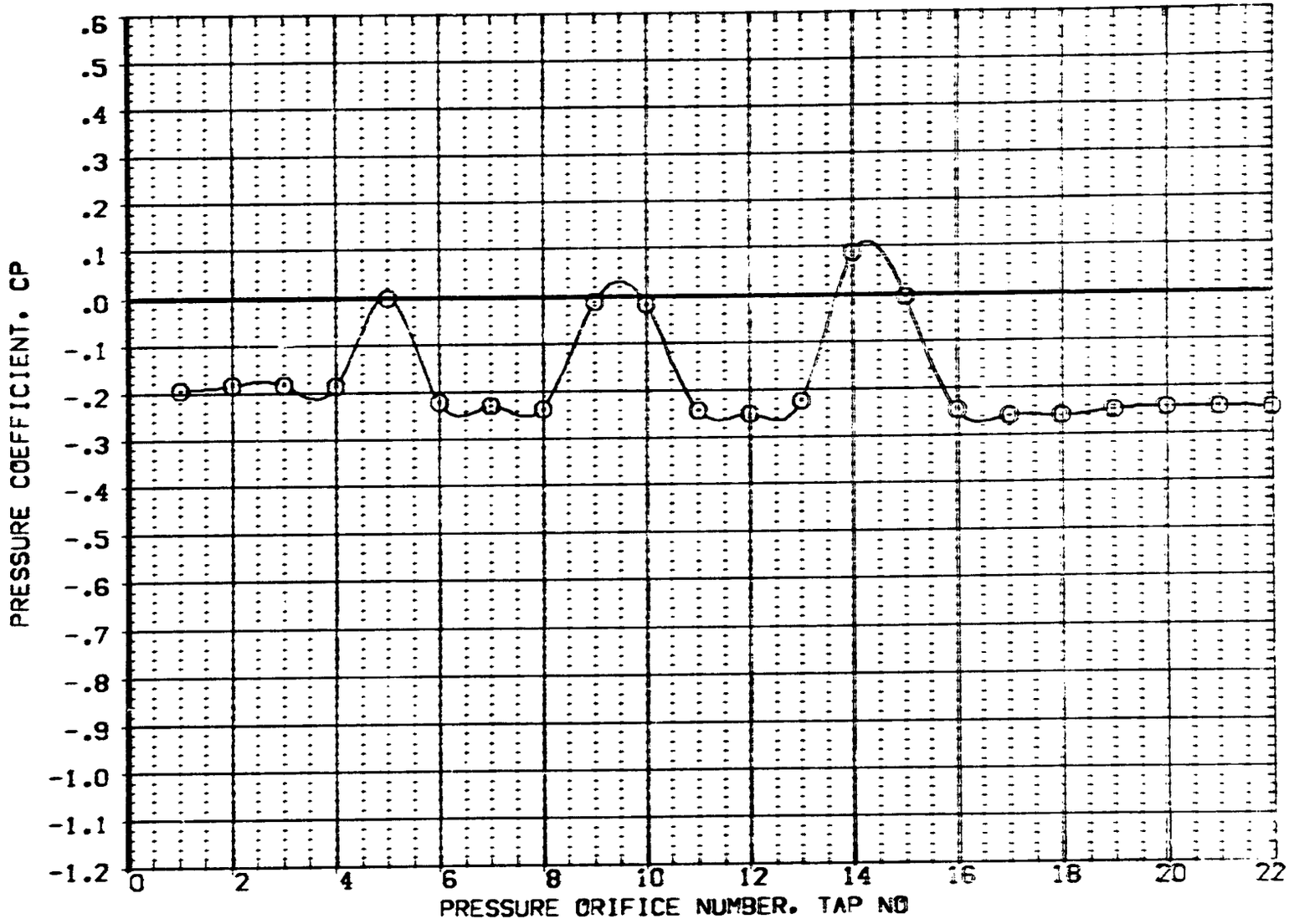

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

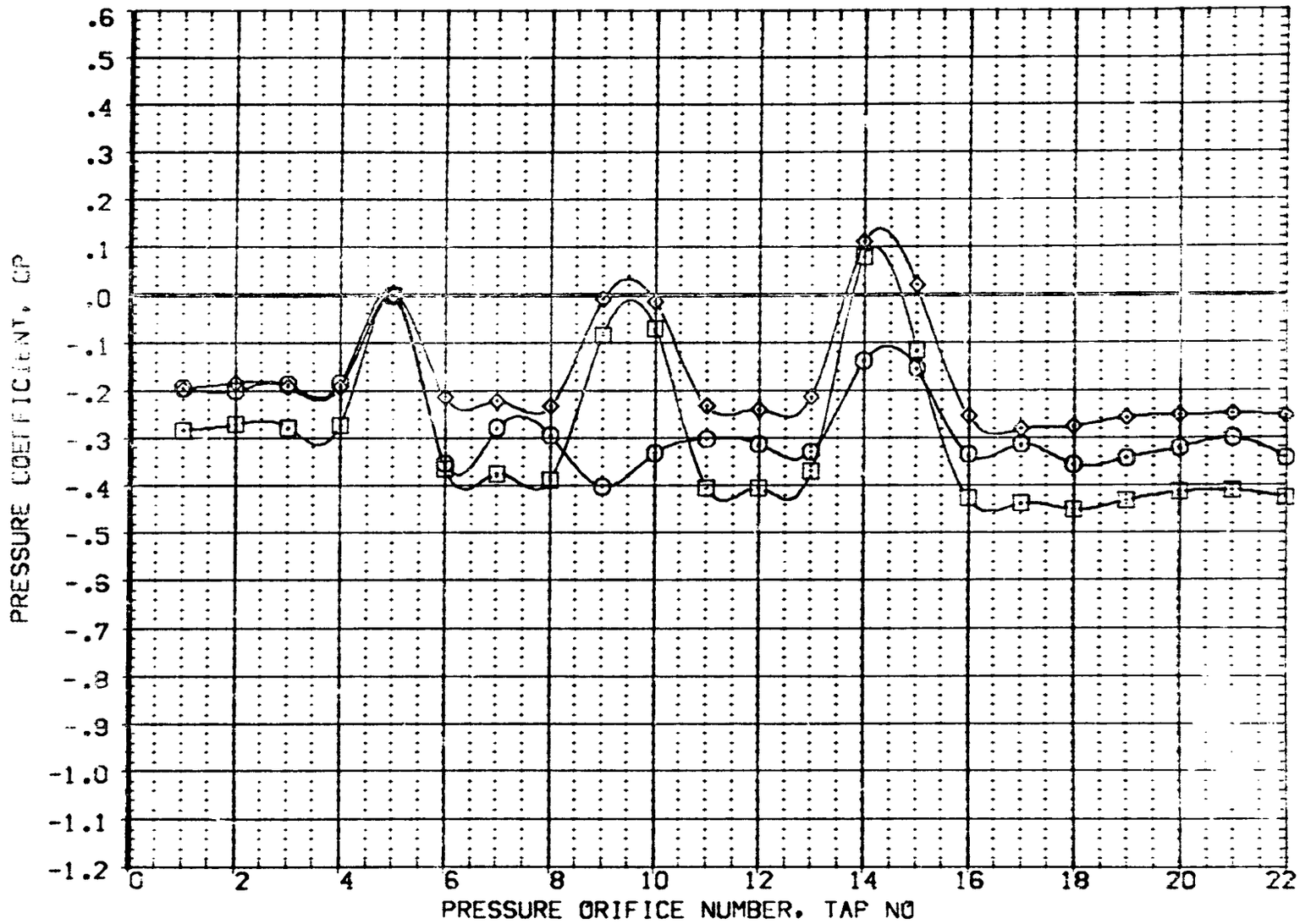

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

SYMBOL	MACH	X/L	ALPHA
○	1.503	1.000	-1.690

PARAMETRIC VALUES
BETA .000

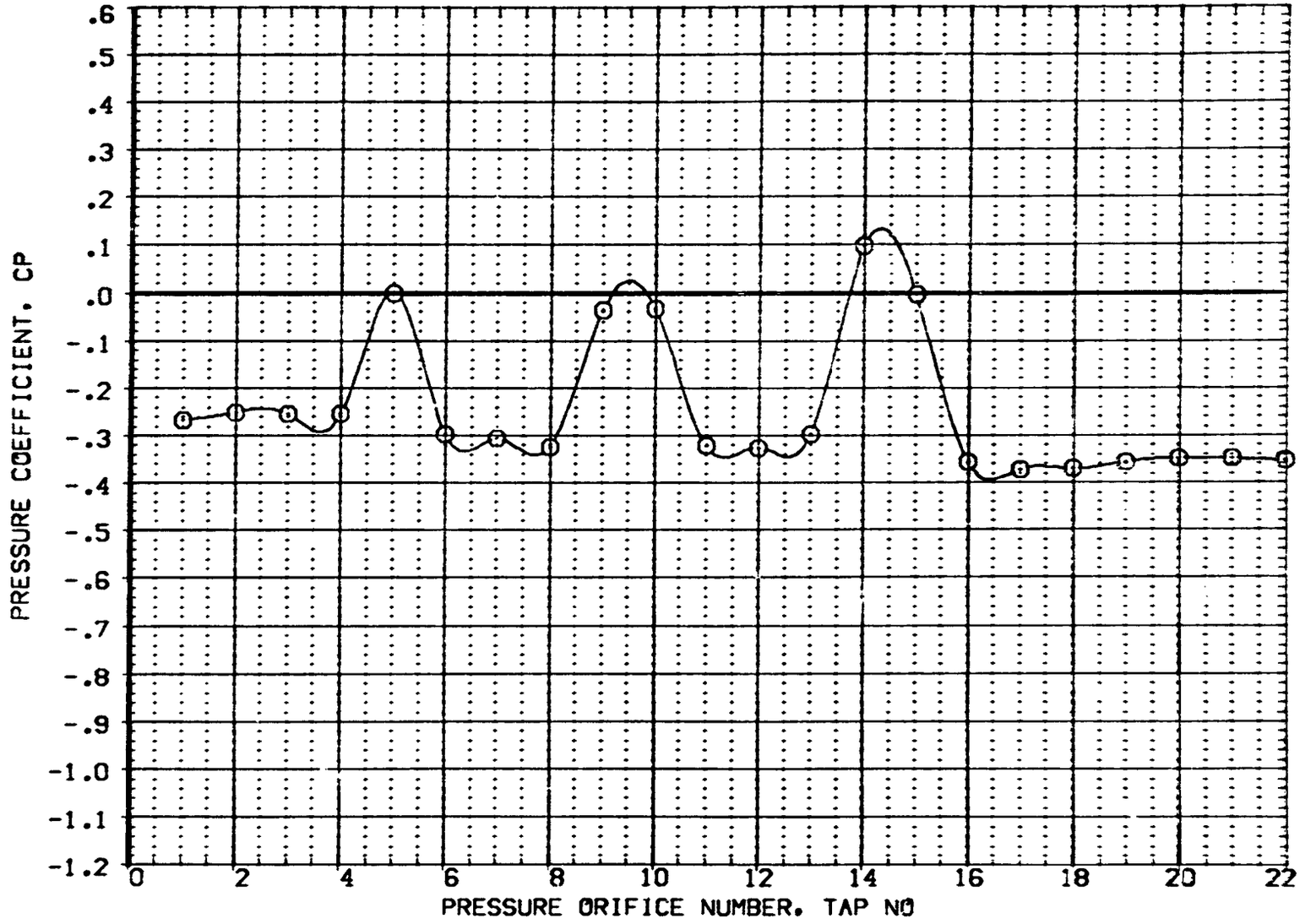

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

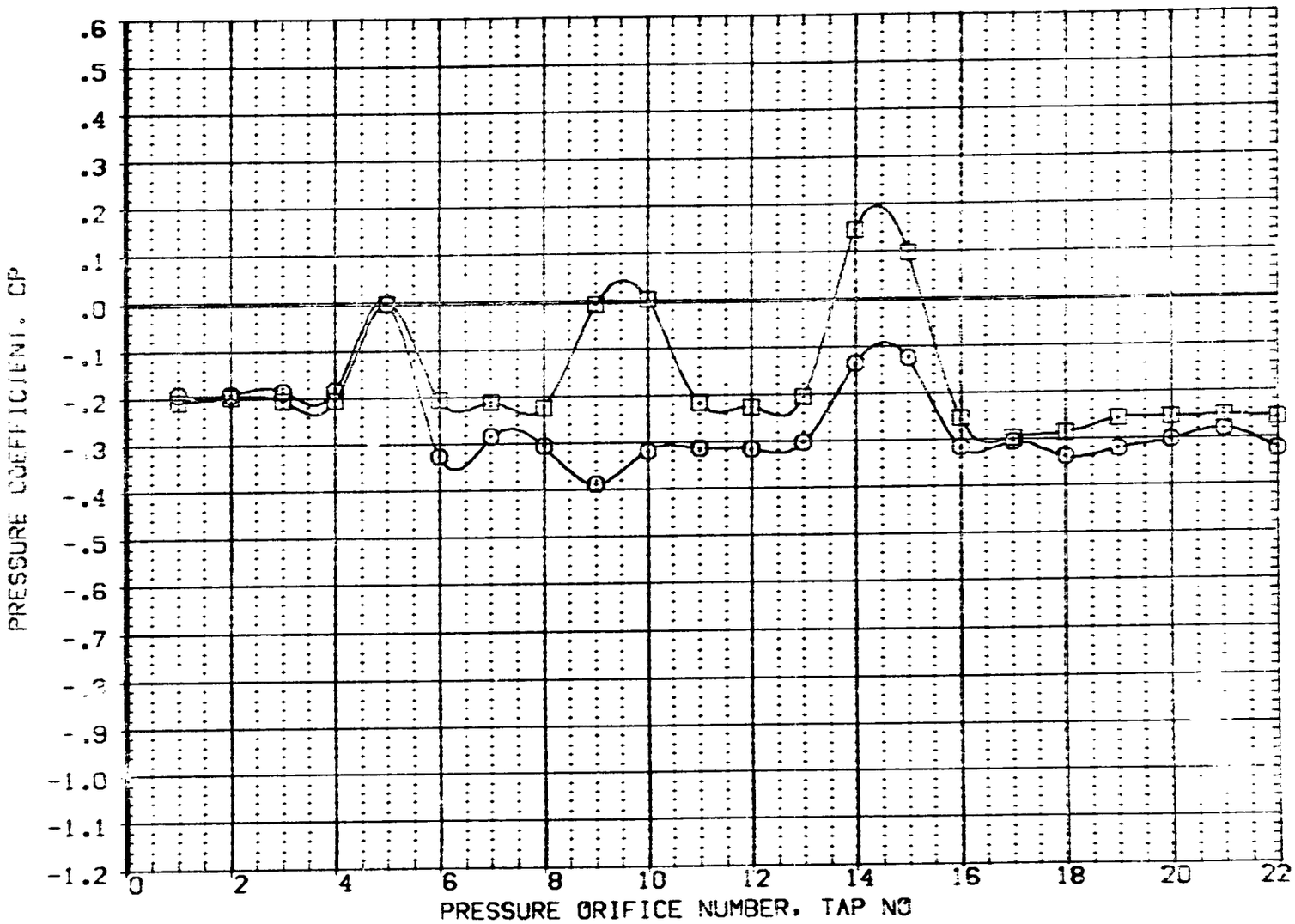

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NC STRUTS

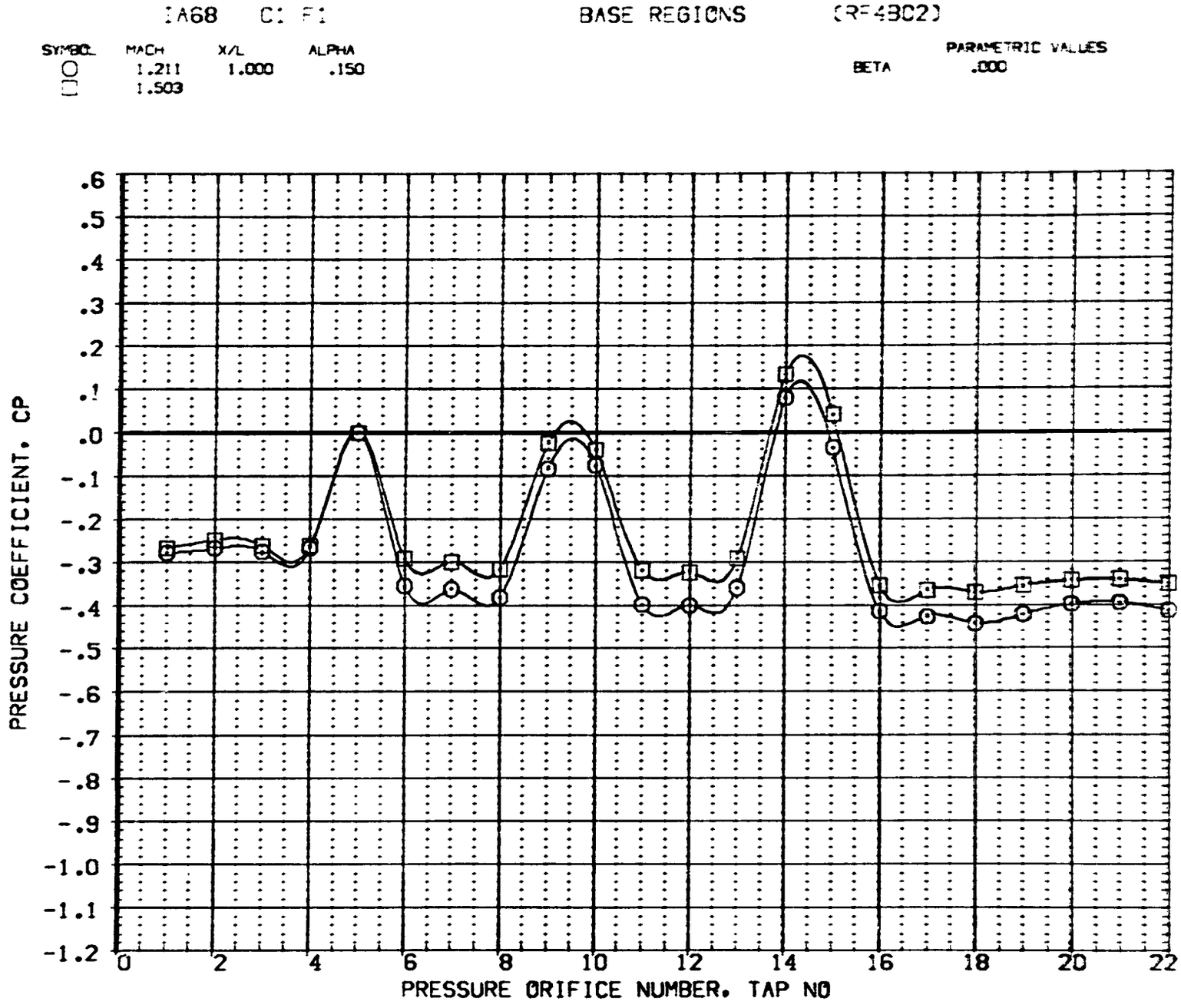

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

SYMBOL	MACH	X/L	ALPHA
○	.896	1.000	1.800

PARAMETRIC VALUES
BETA .000

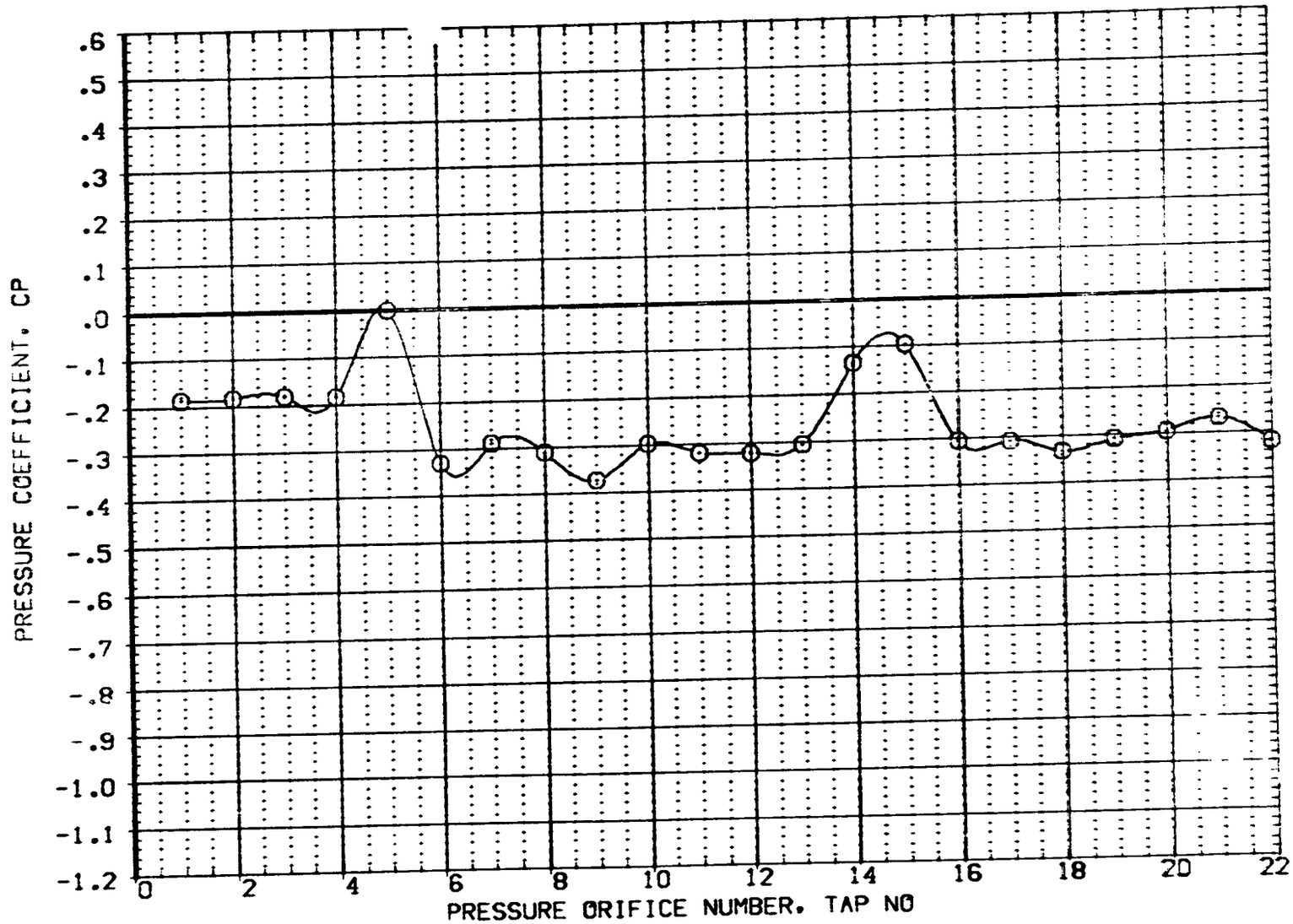

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

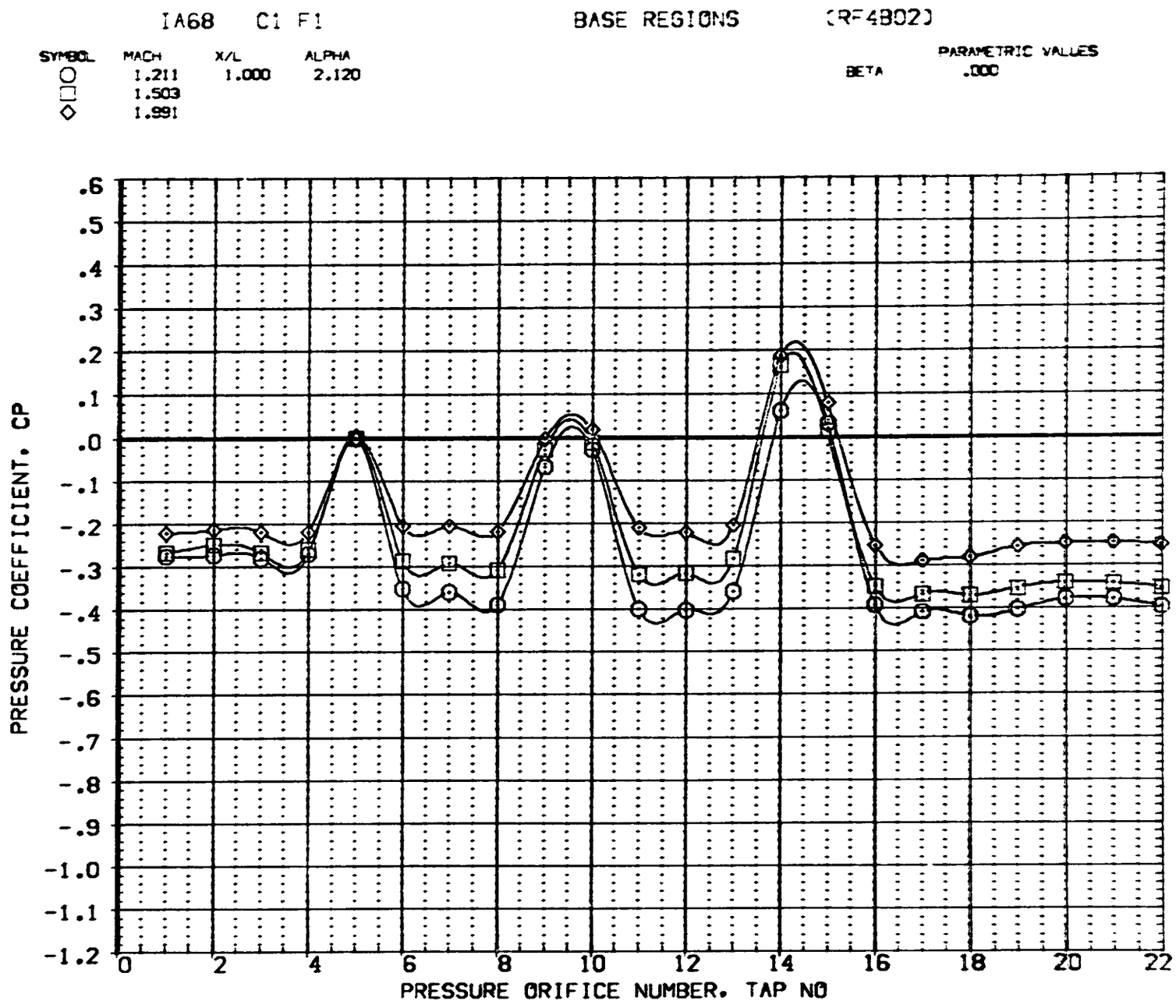

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

SYMBOL	MACH	X/L	ALPHA
○	.896	1.000	3.670

PARAMETRIC VALUES

BETA .000

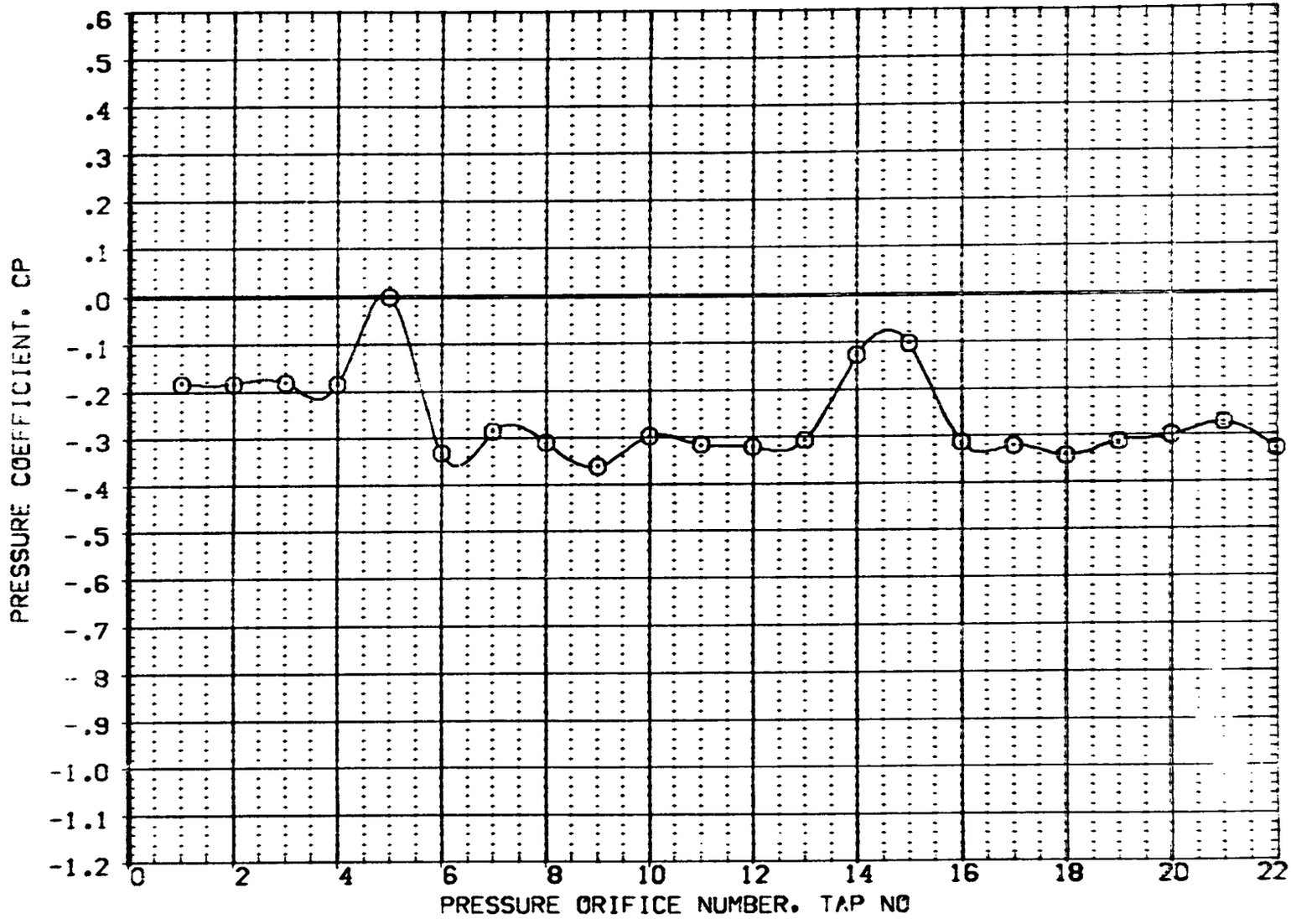

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

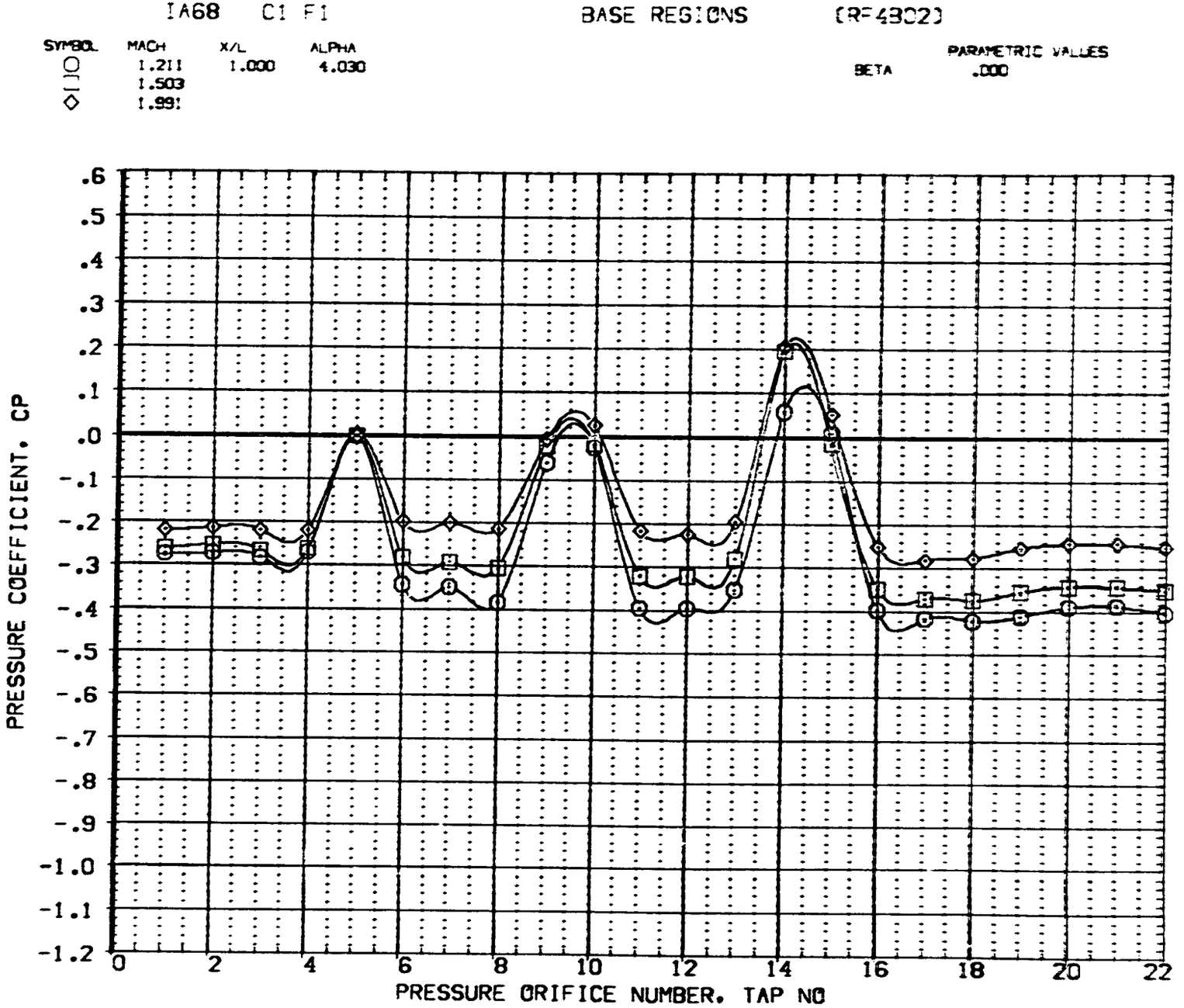

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

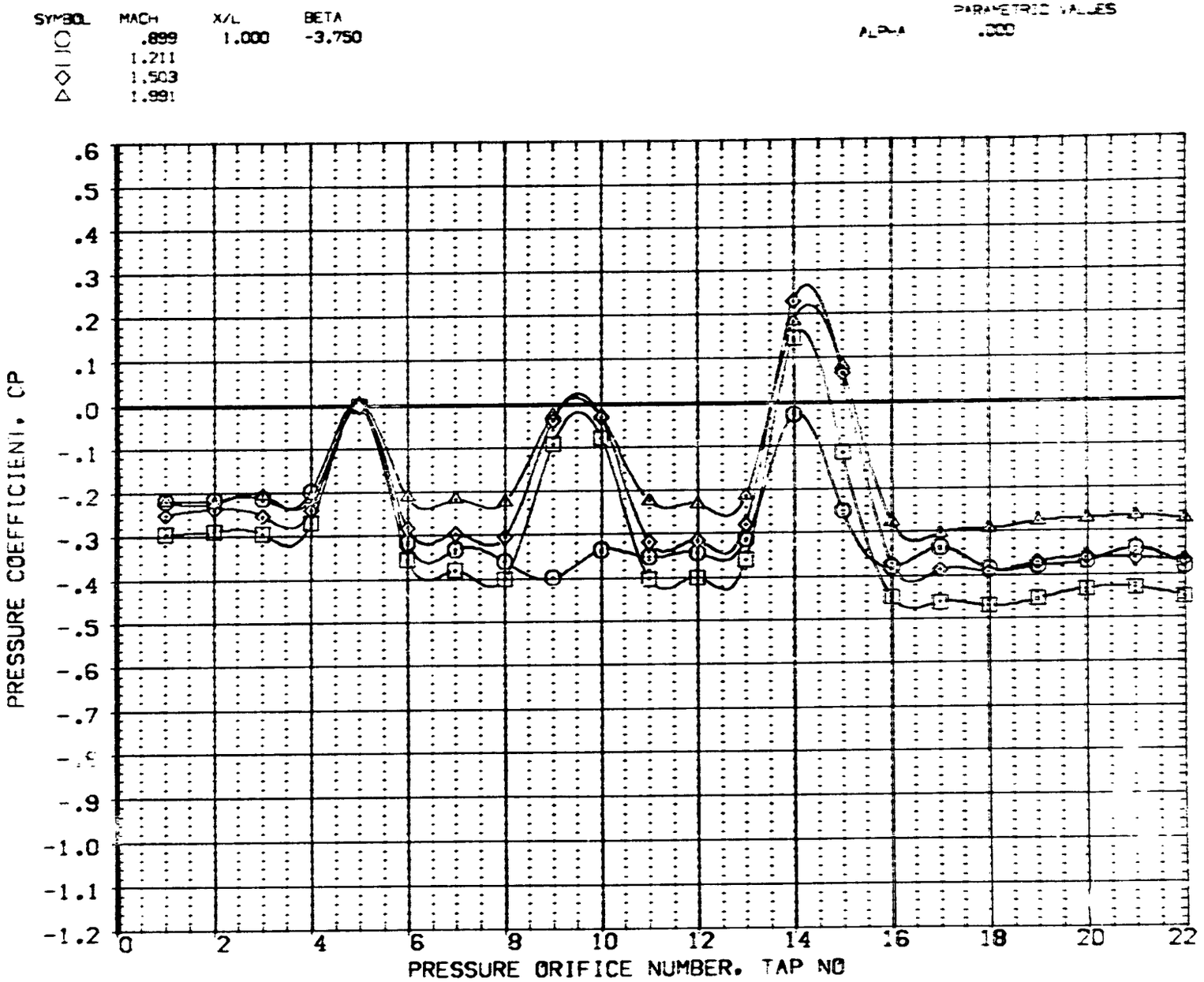

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

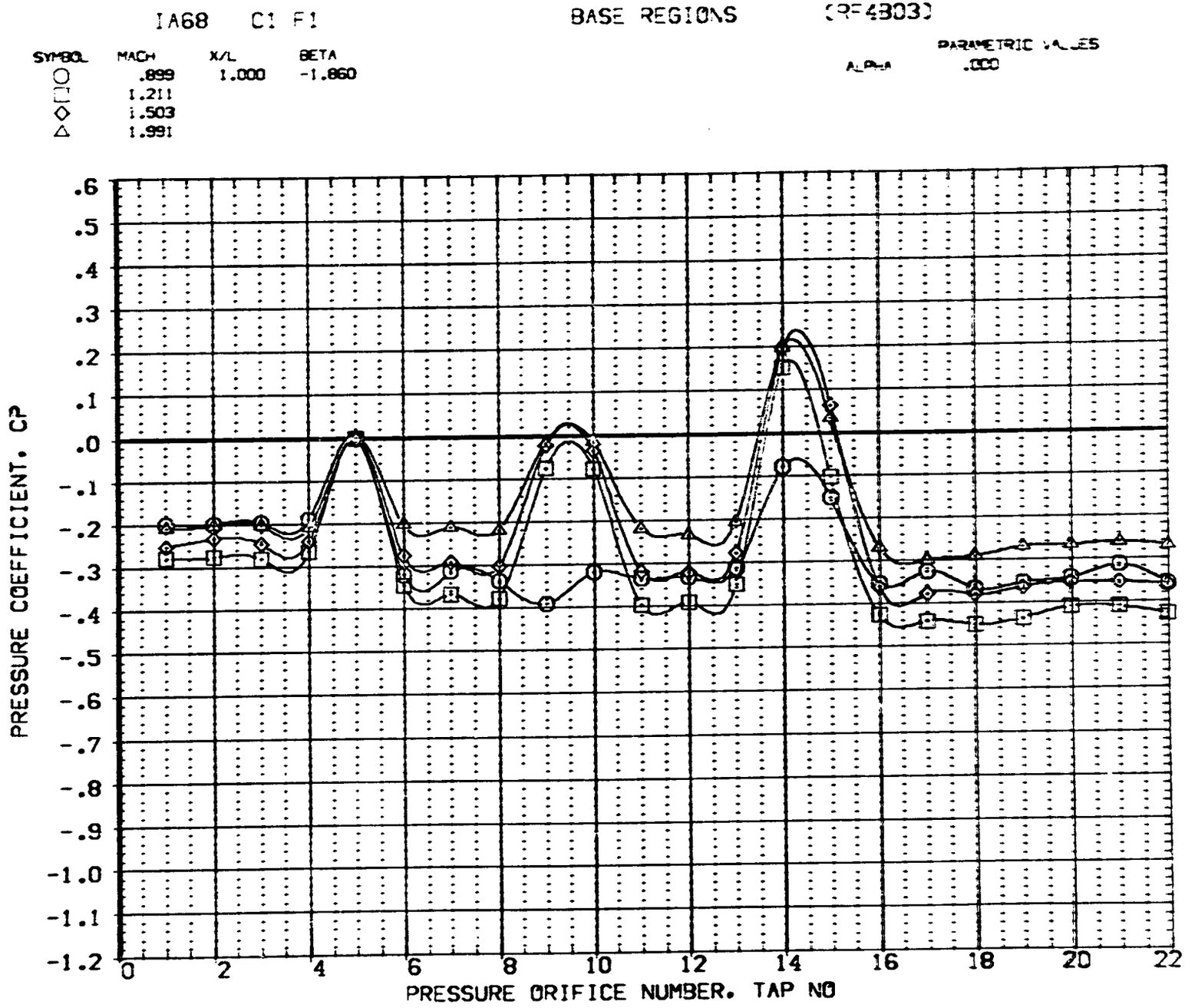

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

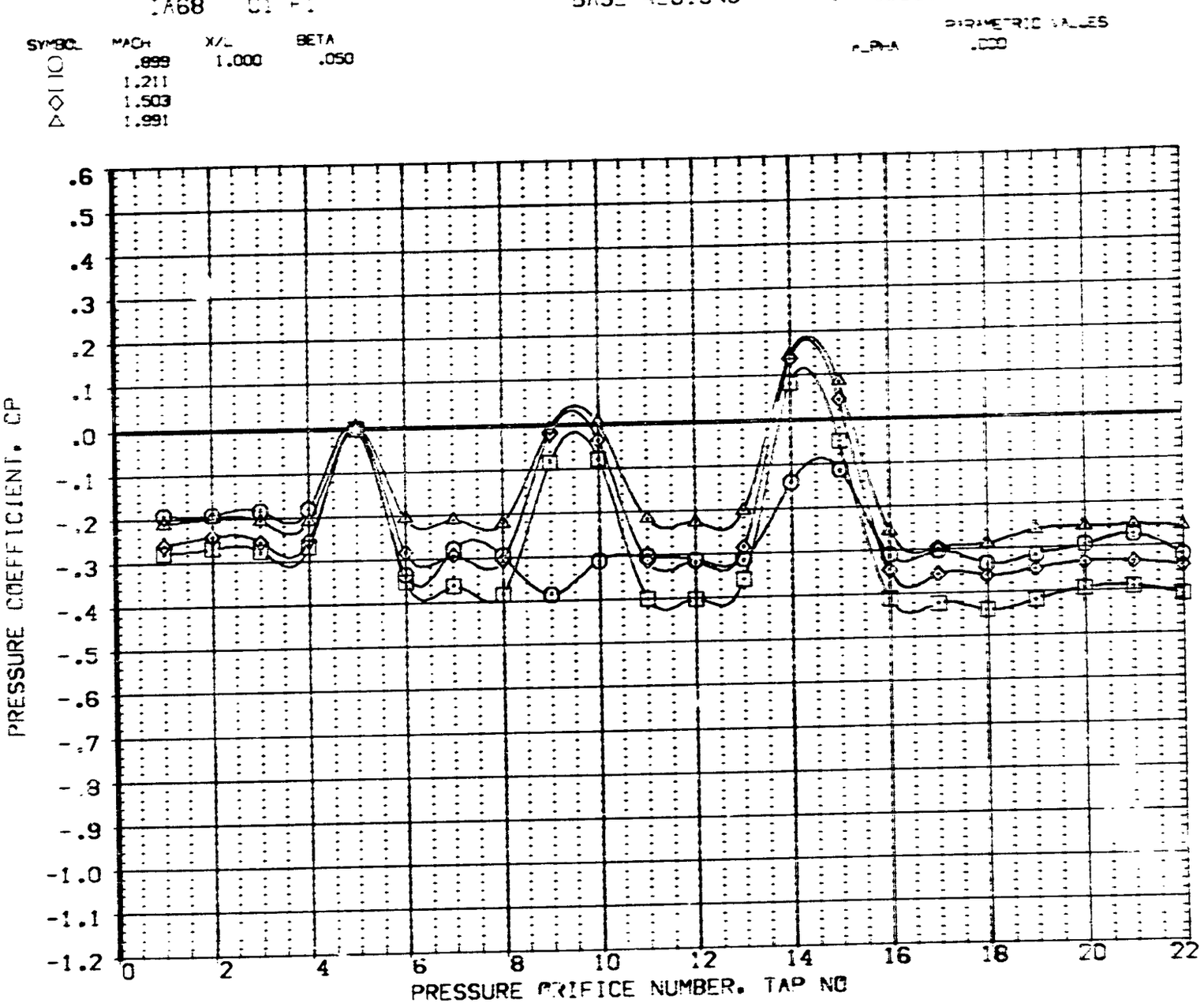

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

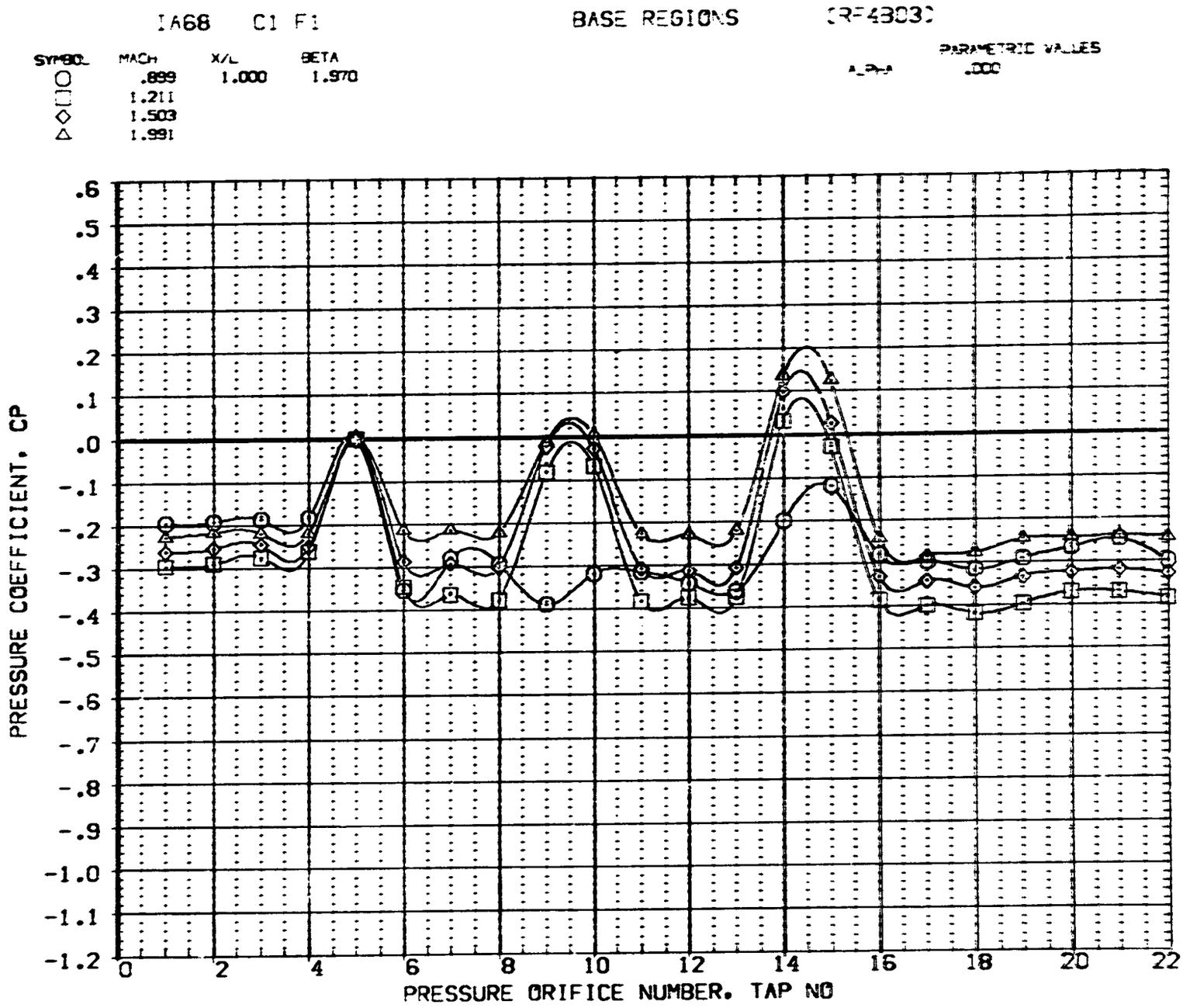

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

SYMBOL	MACH	X/L	BETA
○	.899	1.000	3.970
◇	1.211		
△	1.503		
	1.991		

PARAMETRIC VALUES
ALPHA .000

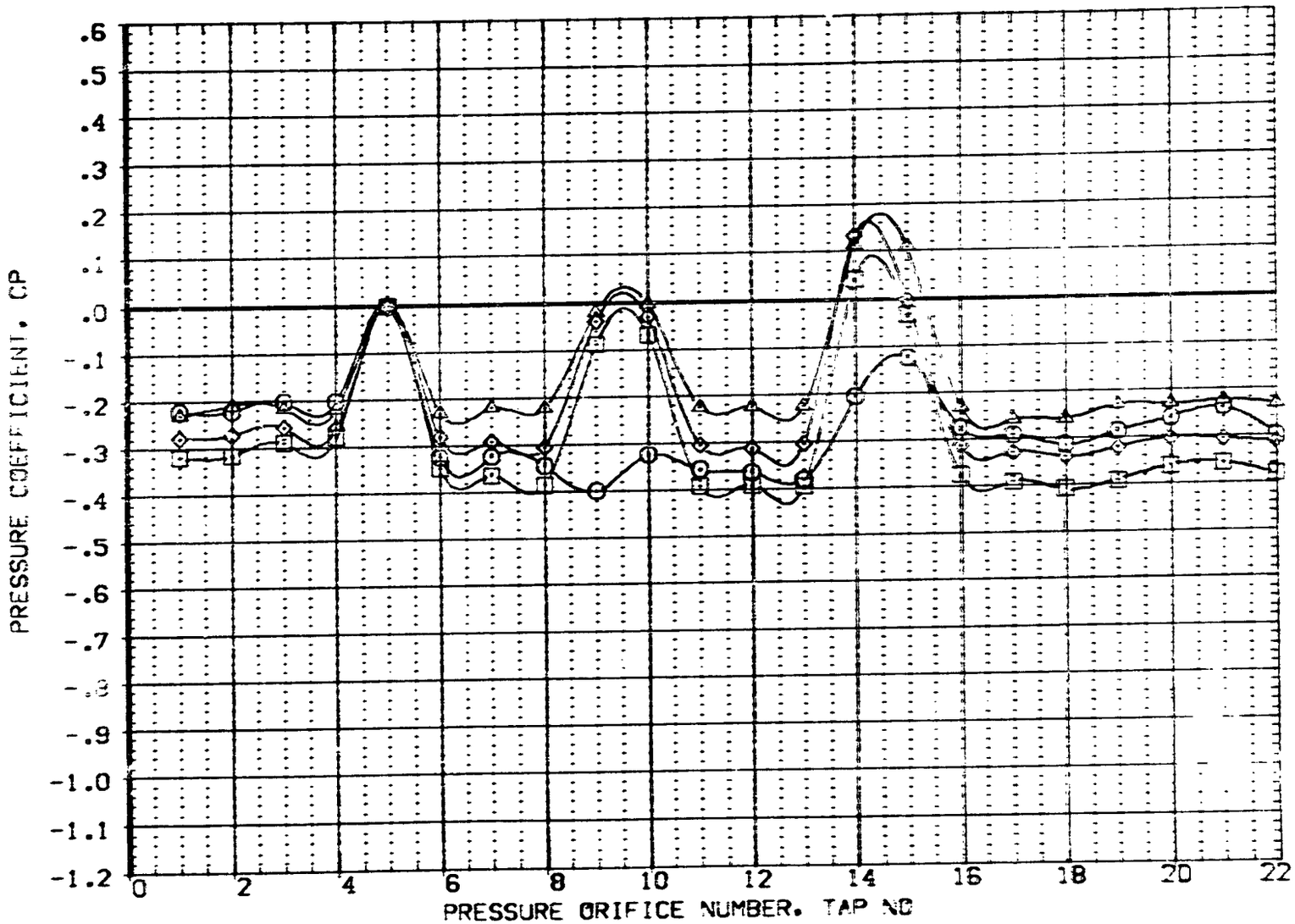

FIG 12 MODEL BASE PRESSURE COEFFICIENTS - NO STRUTS

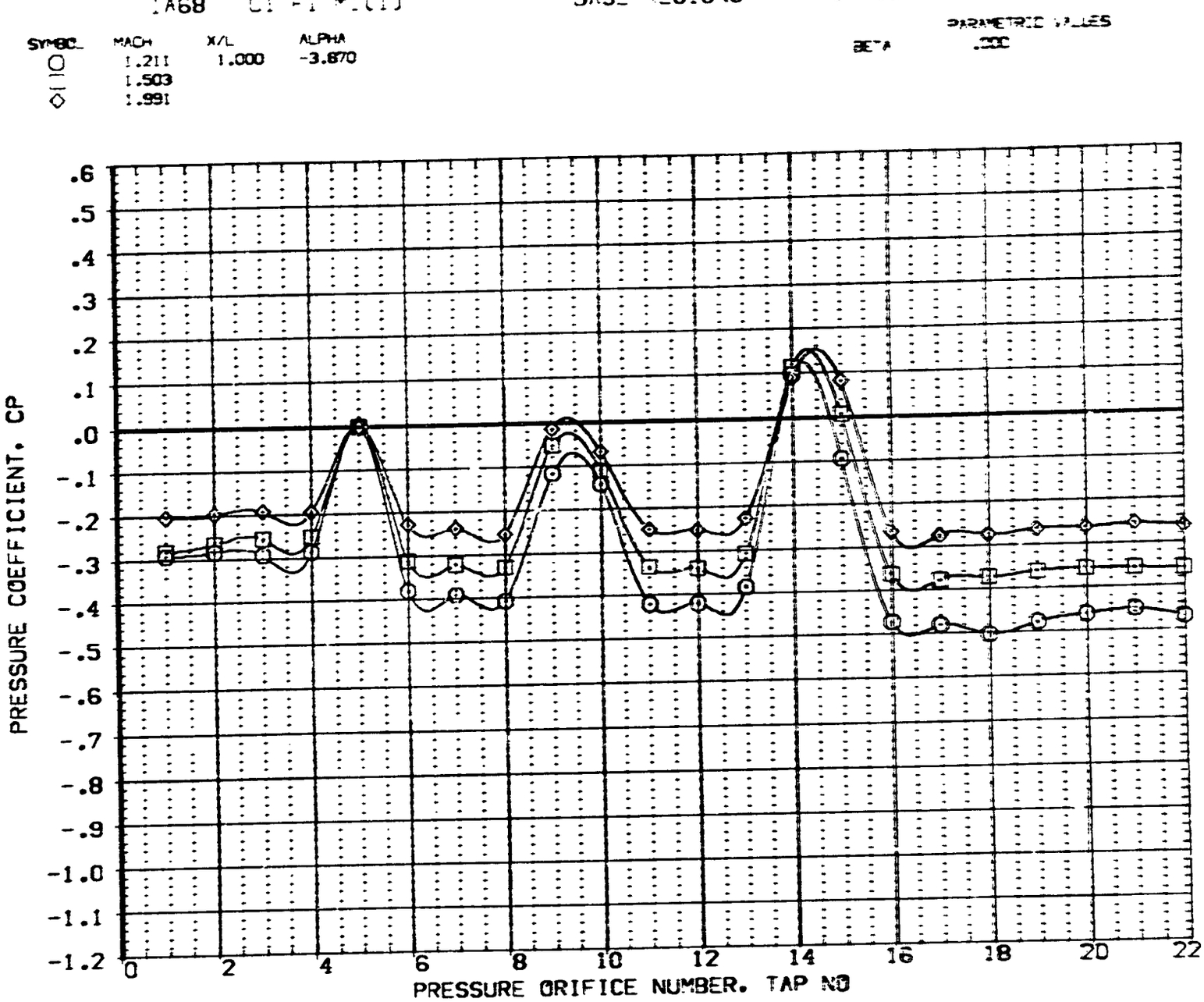

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

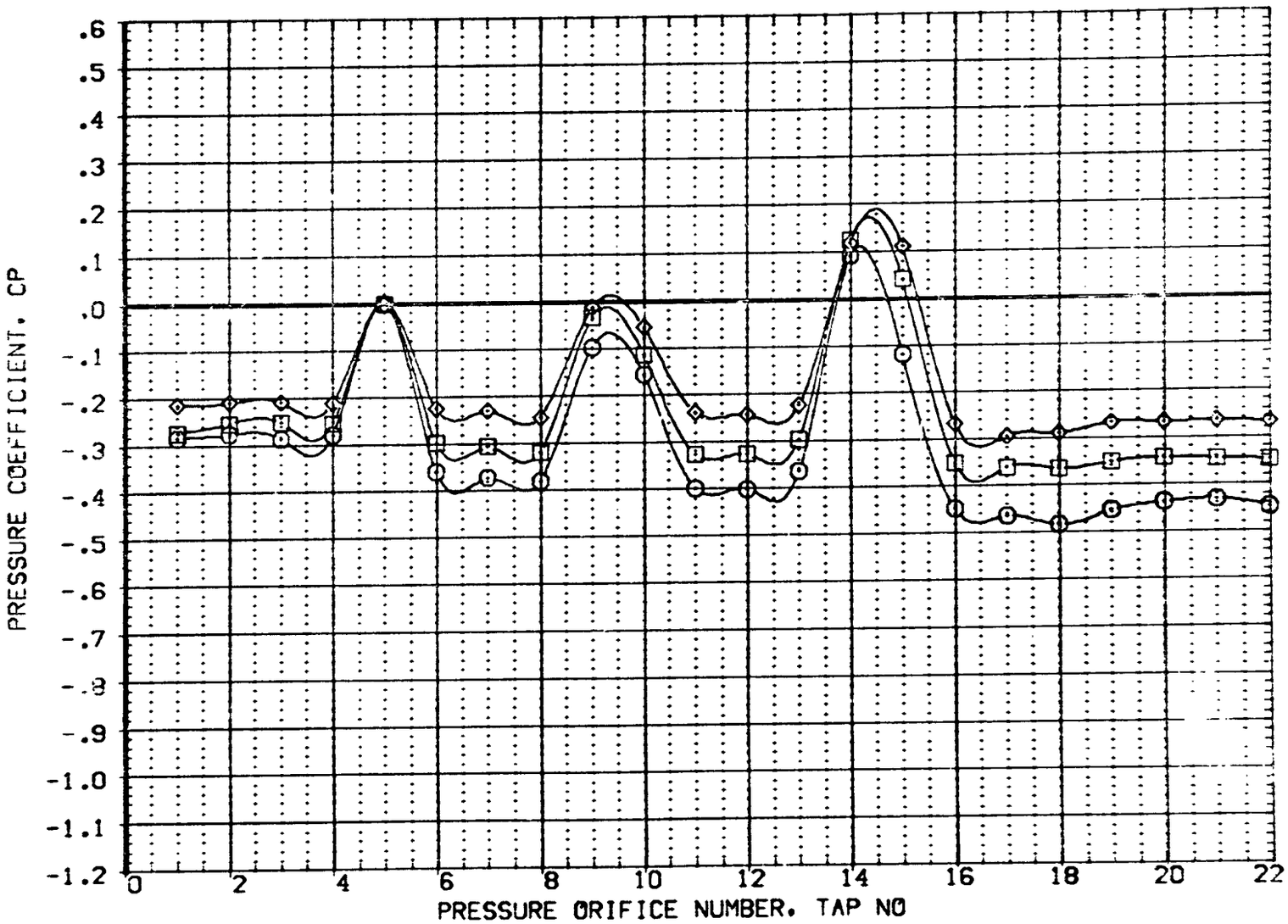

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

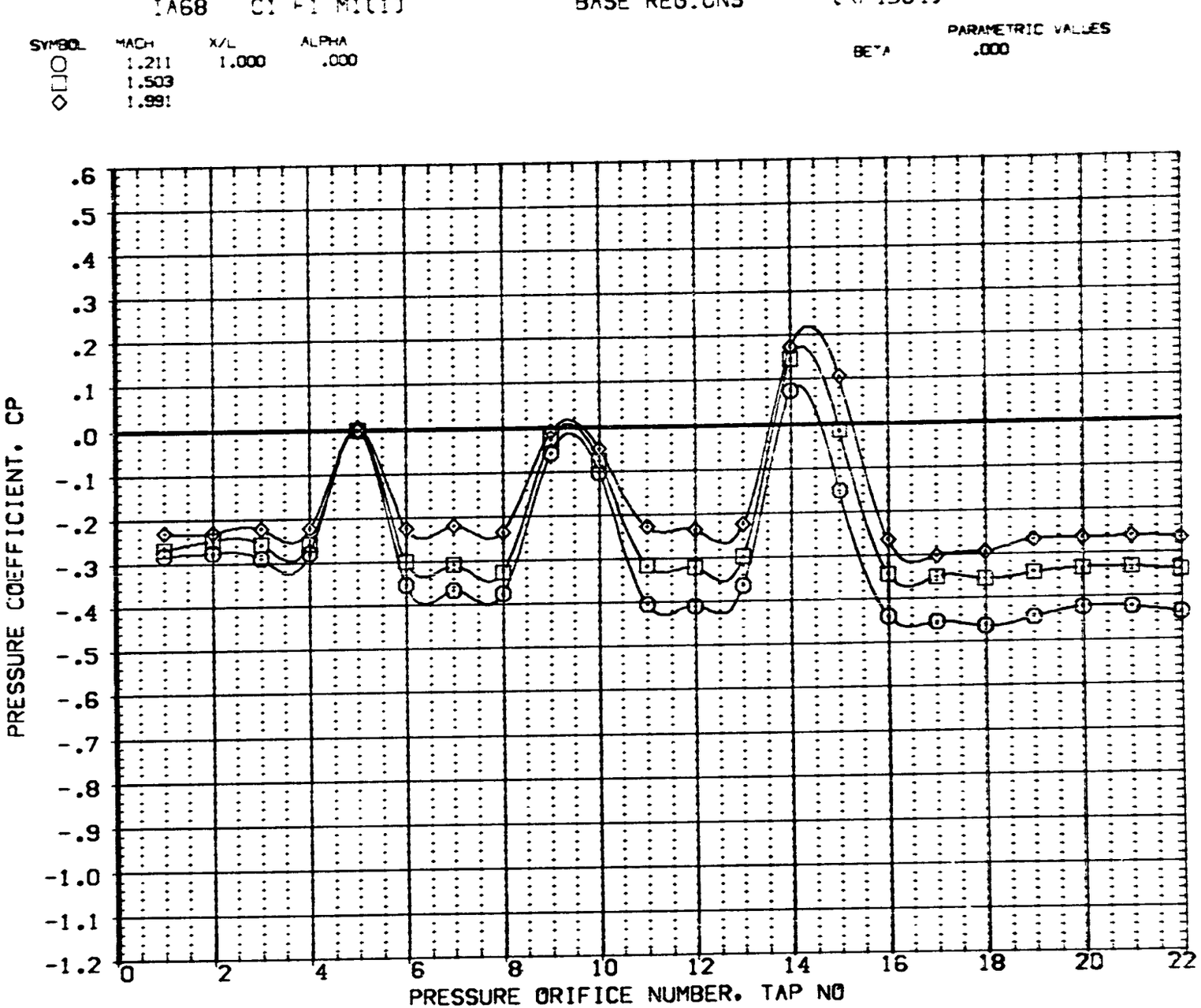

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

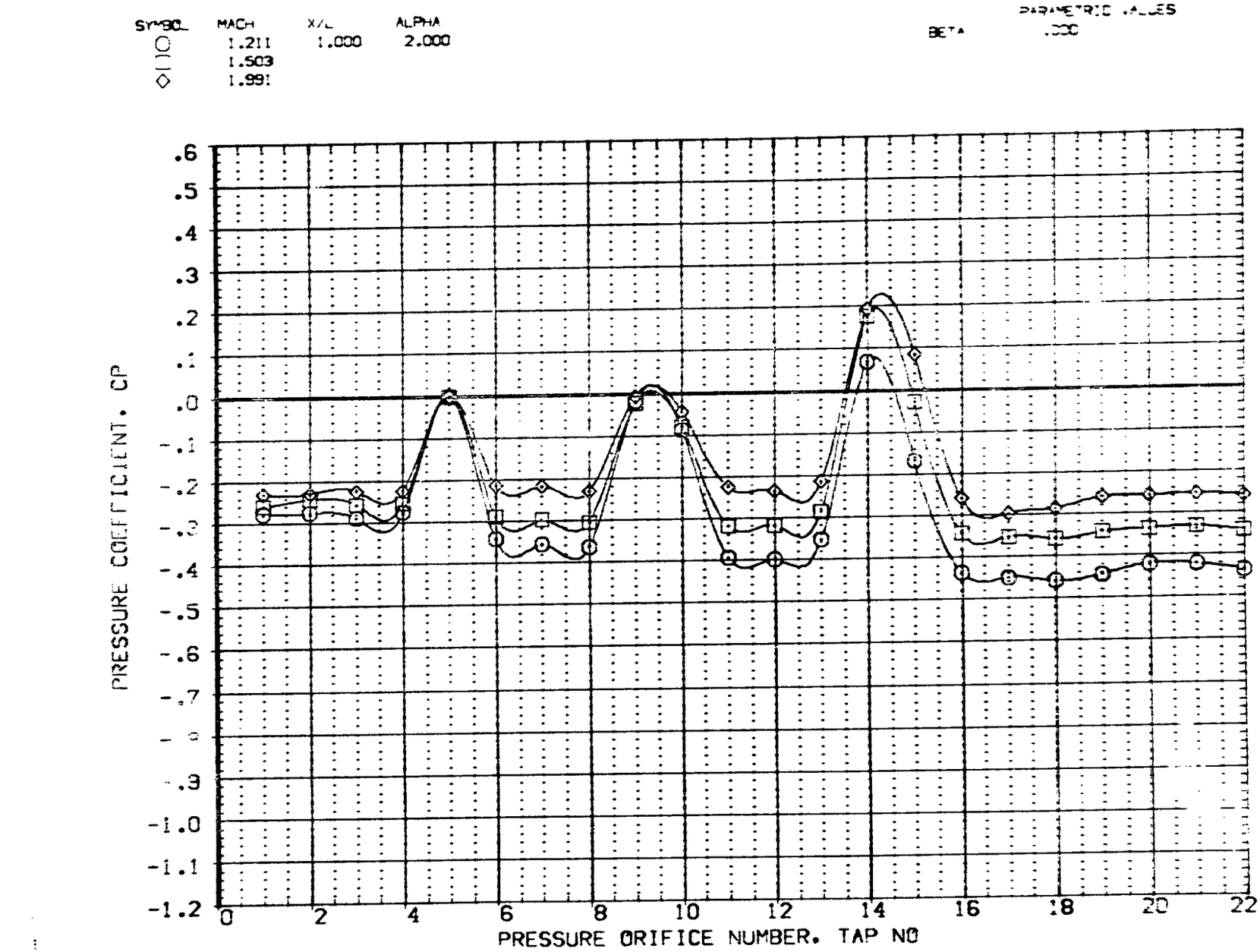

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

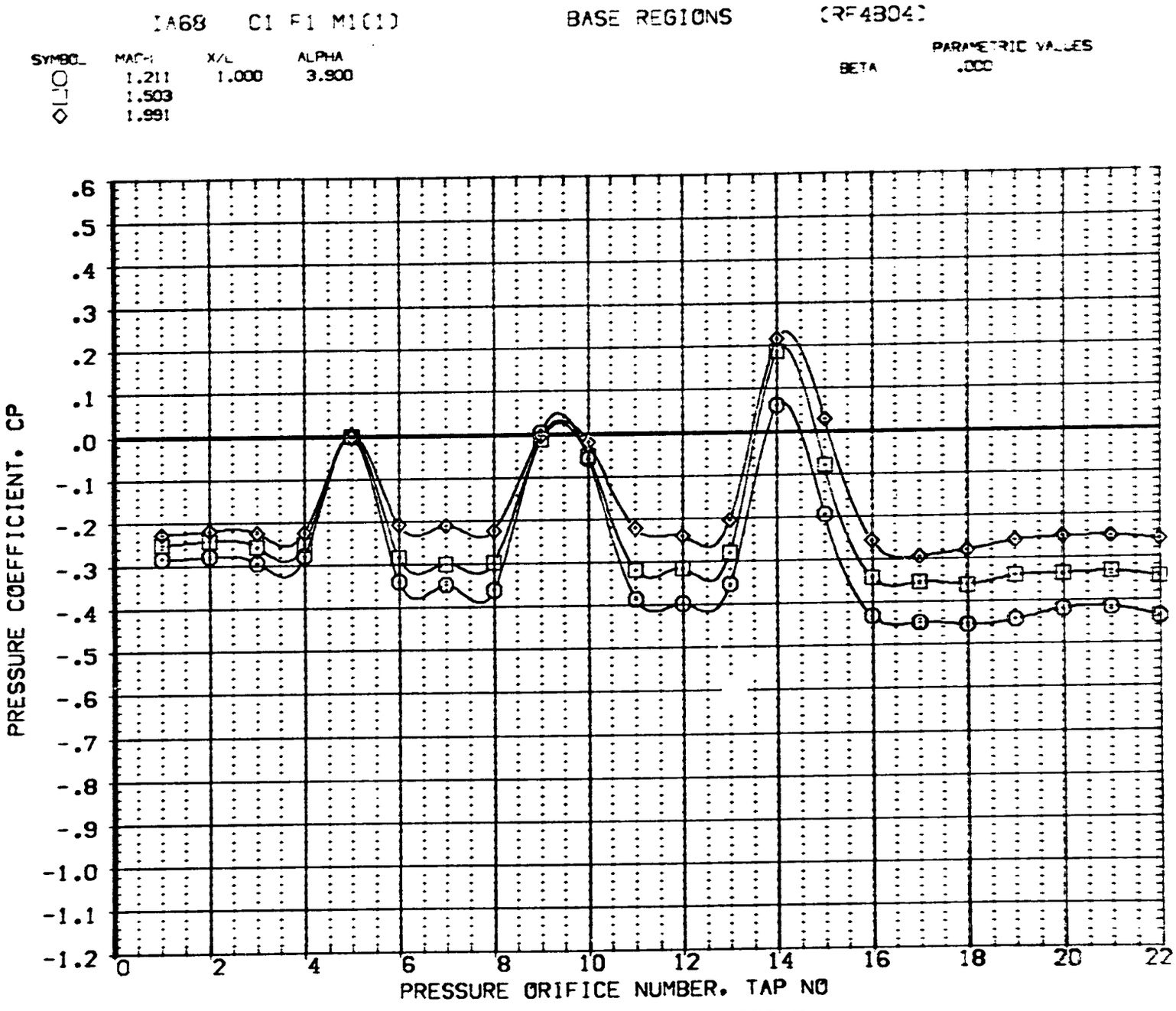

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

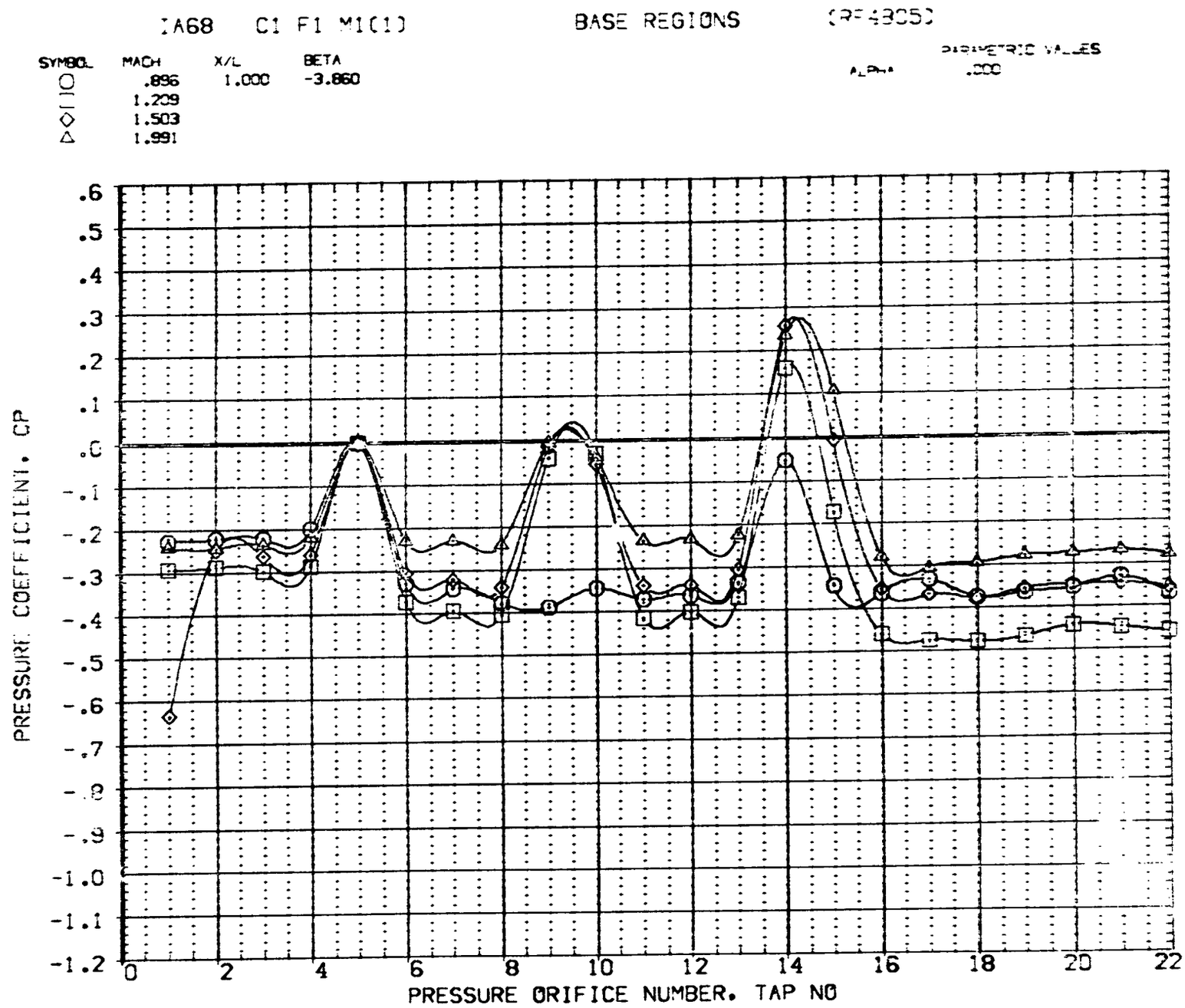

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

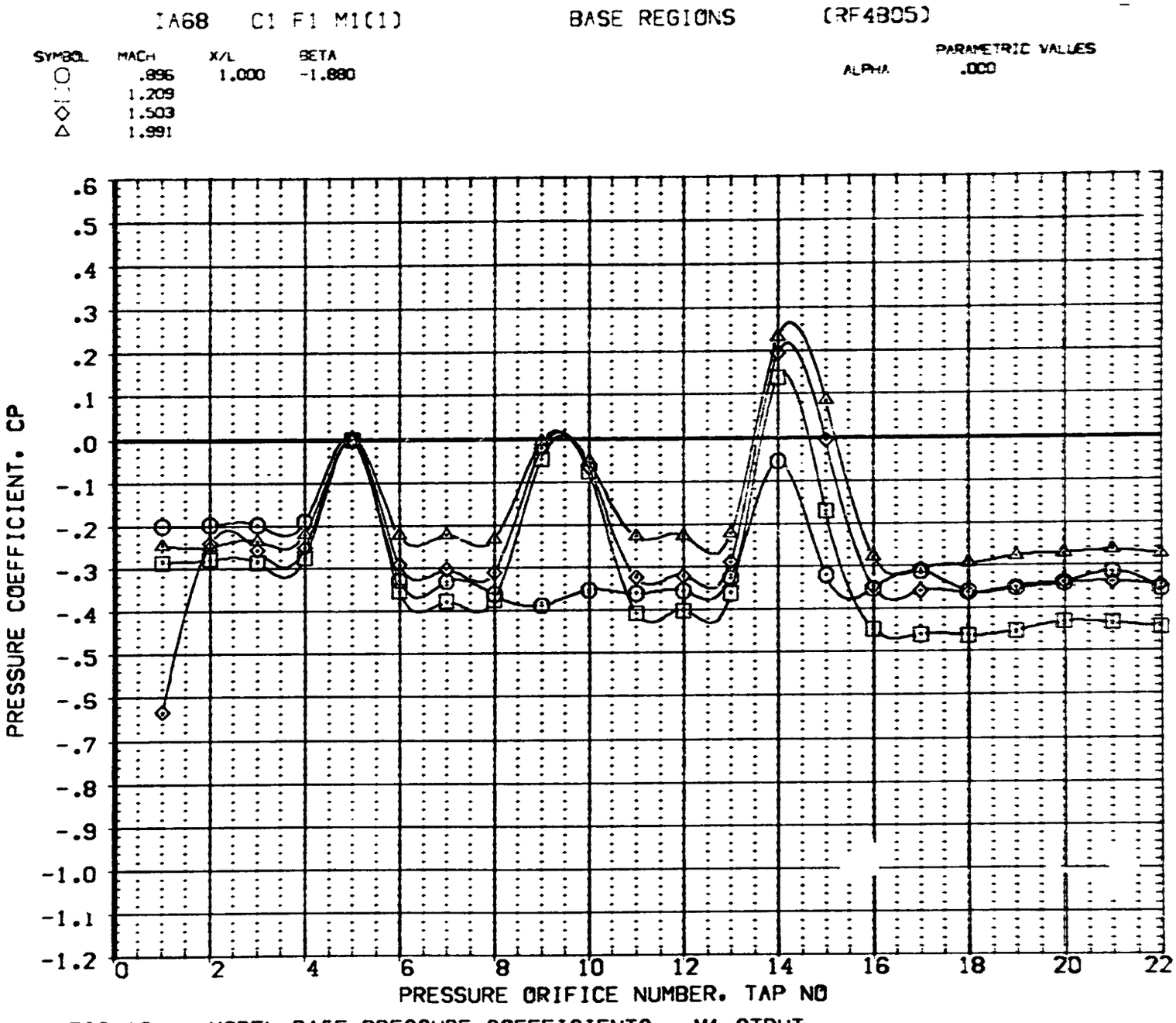

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

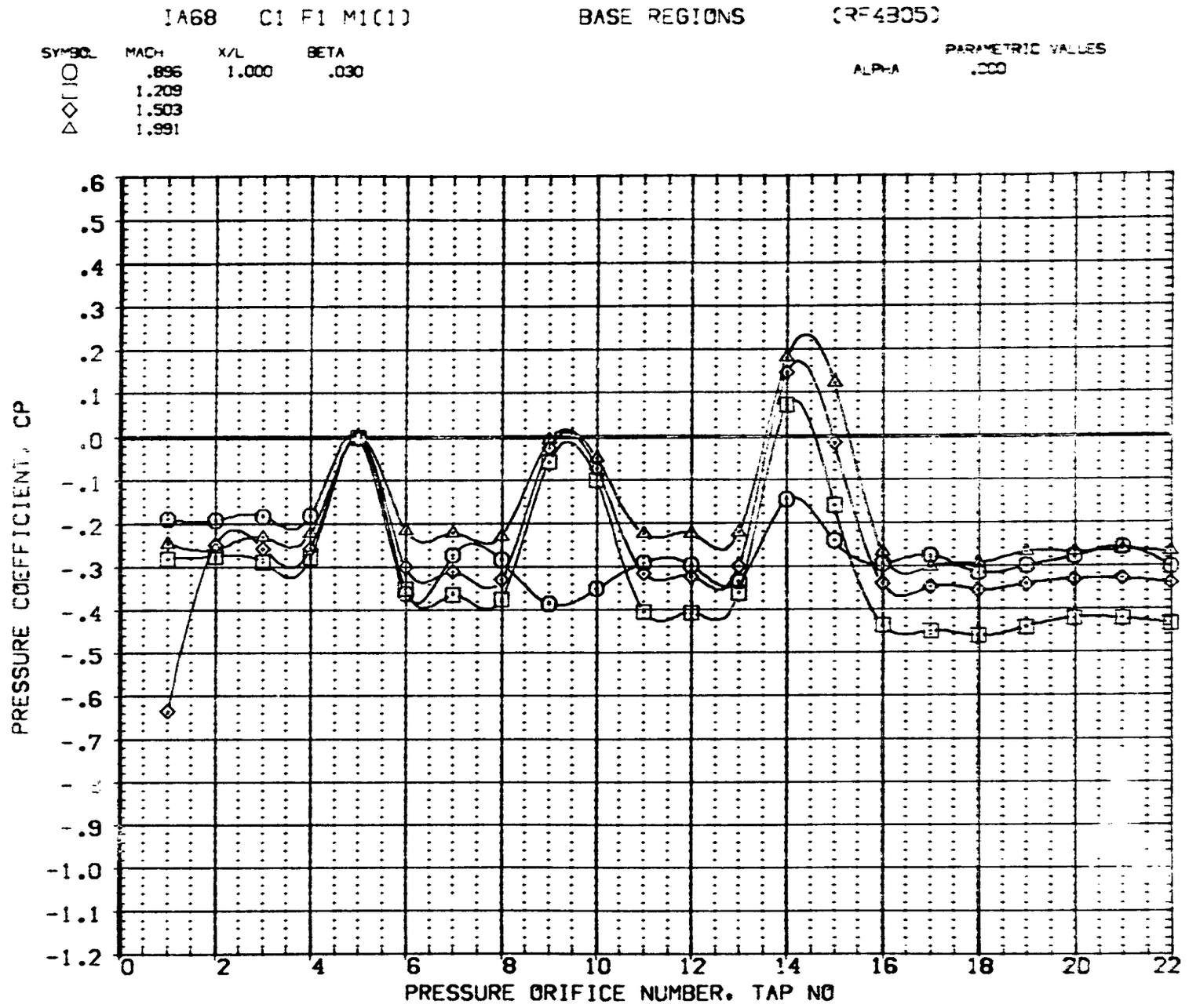

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

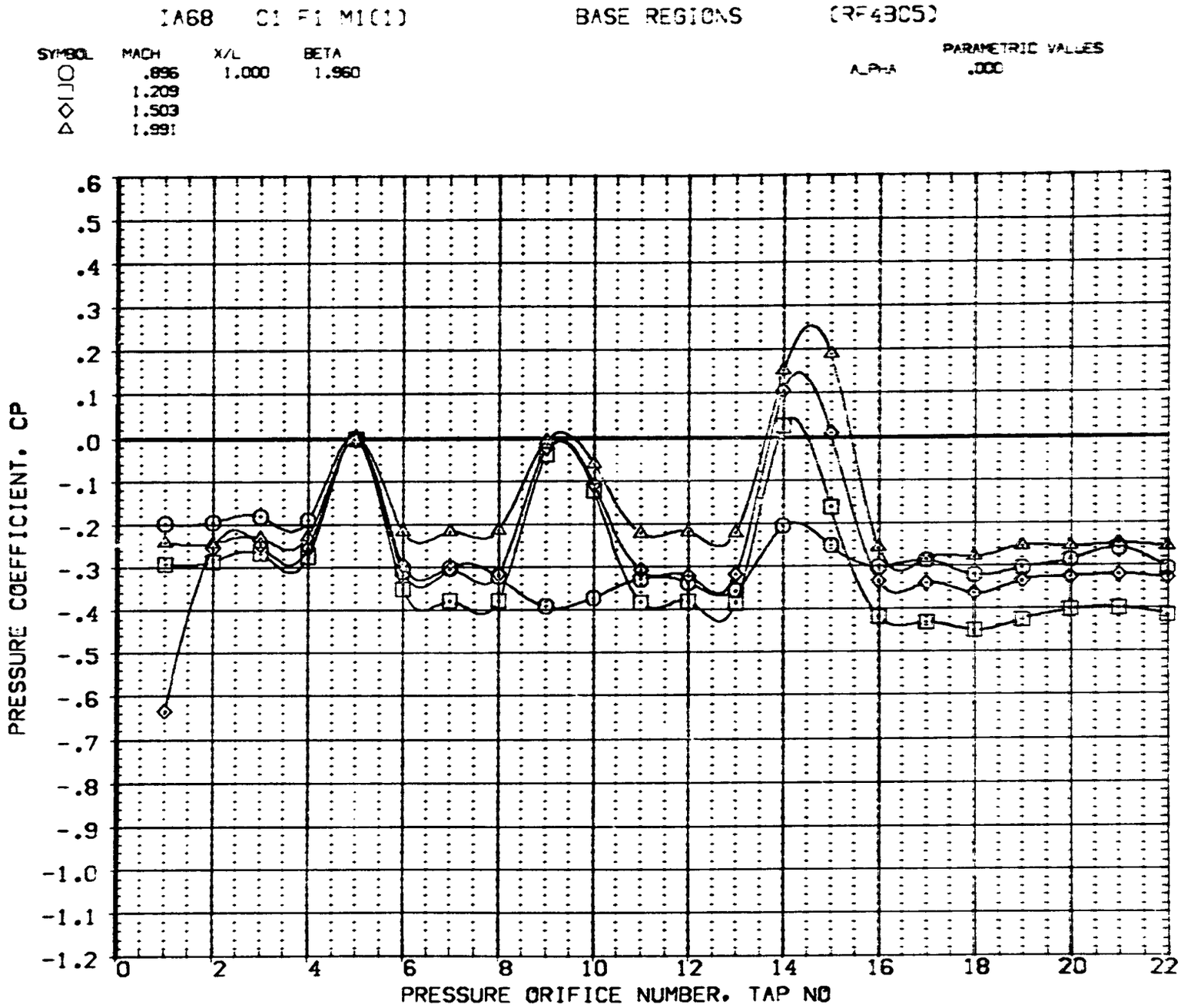

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

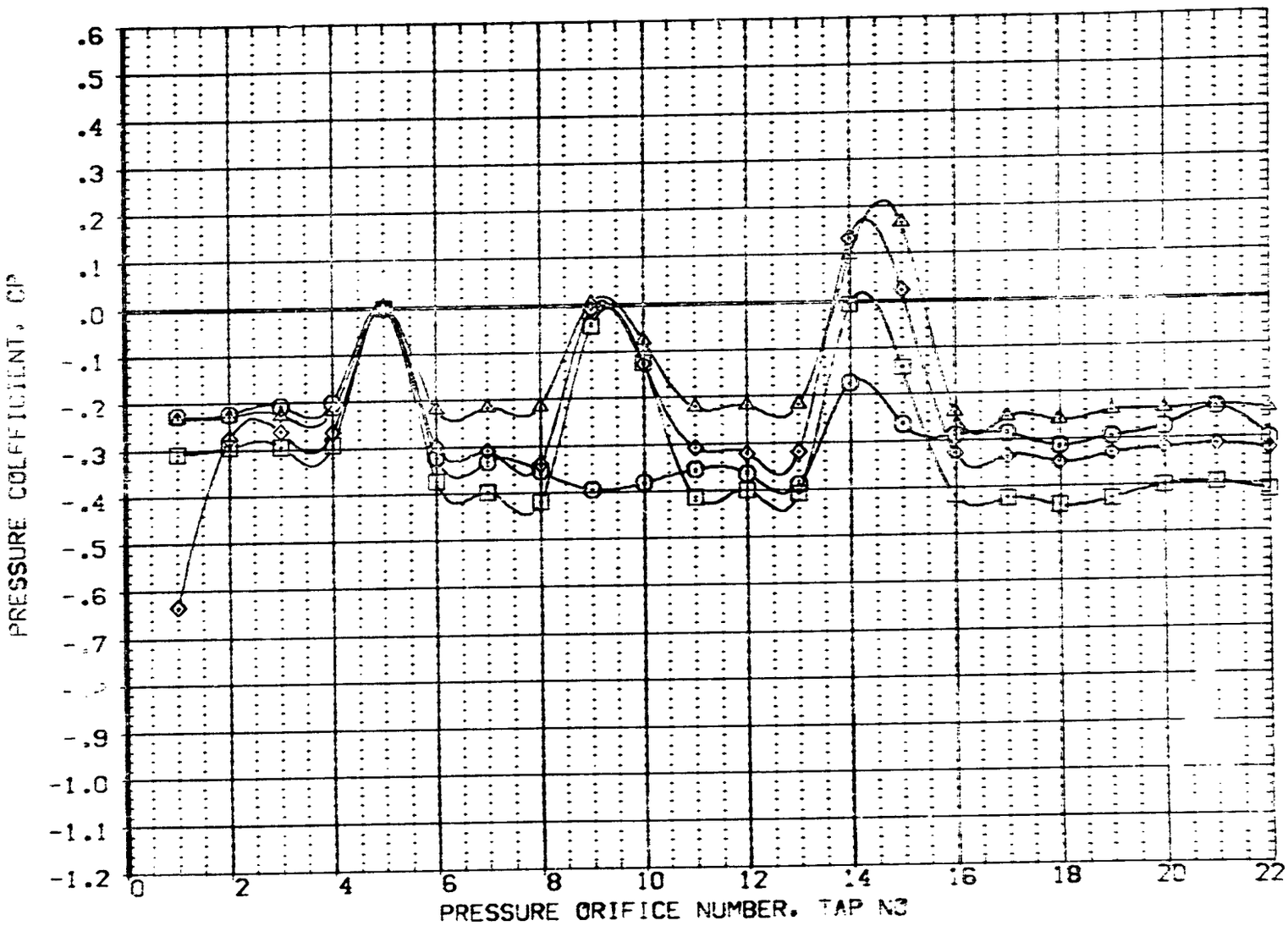

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

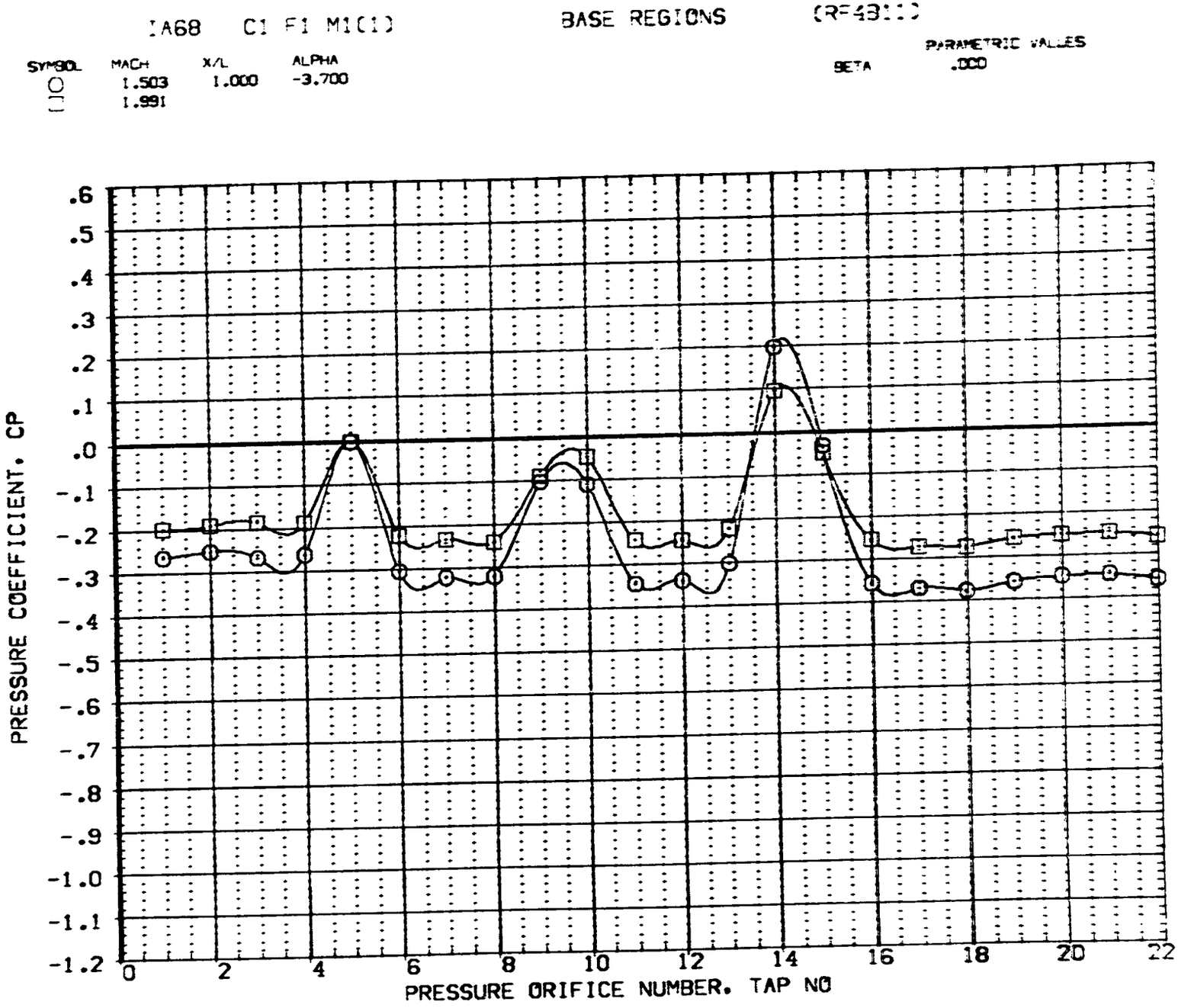

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

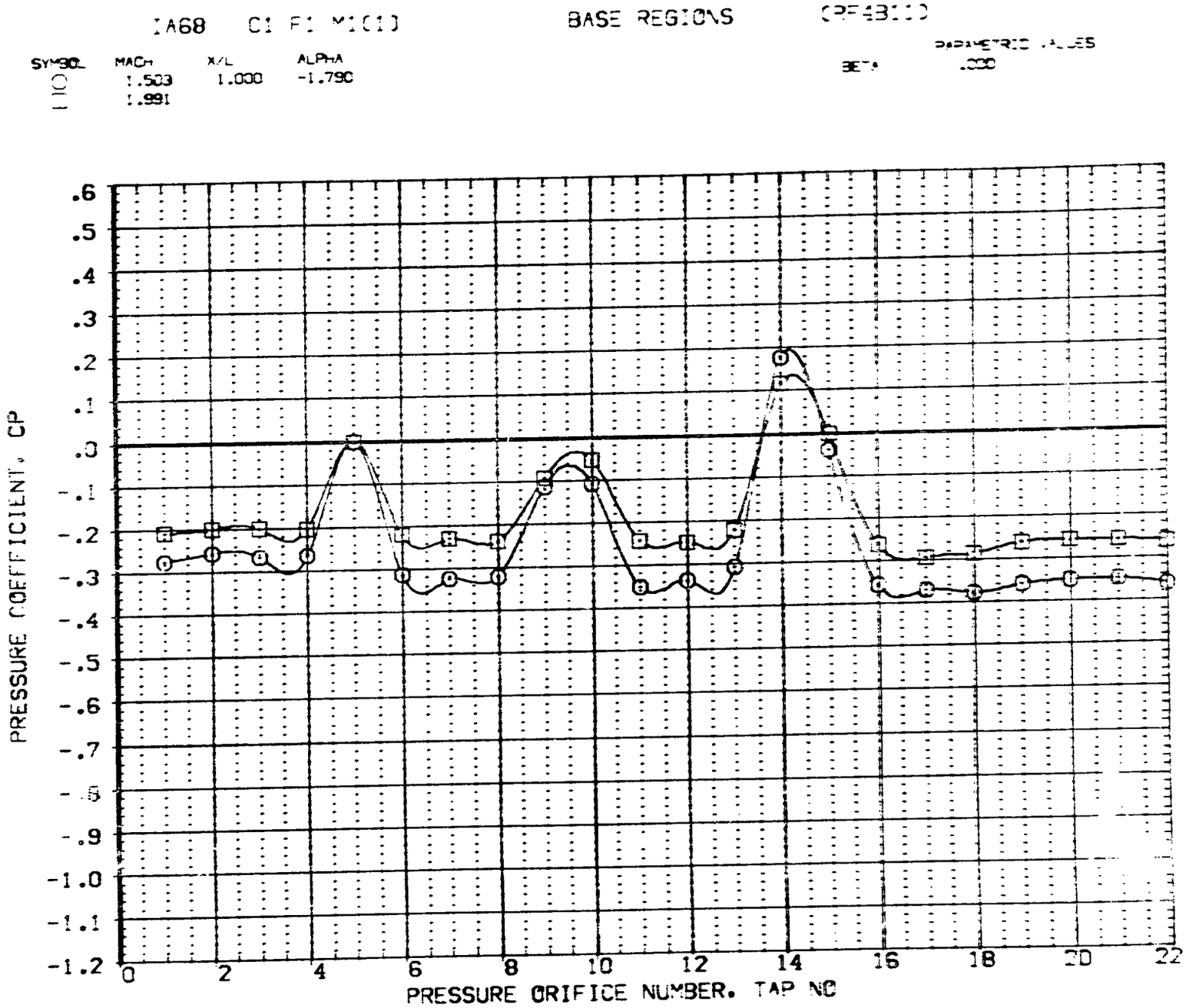

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

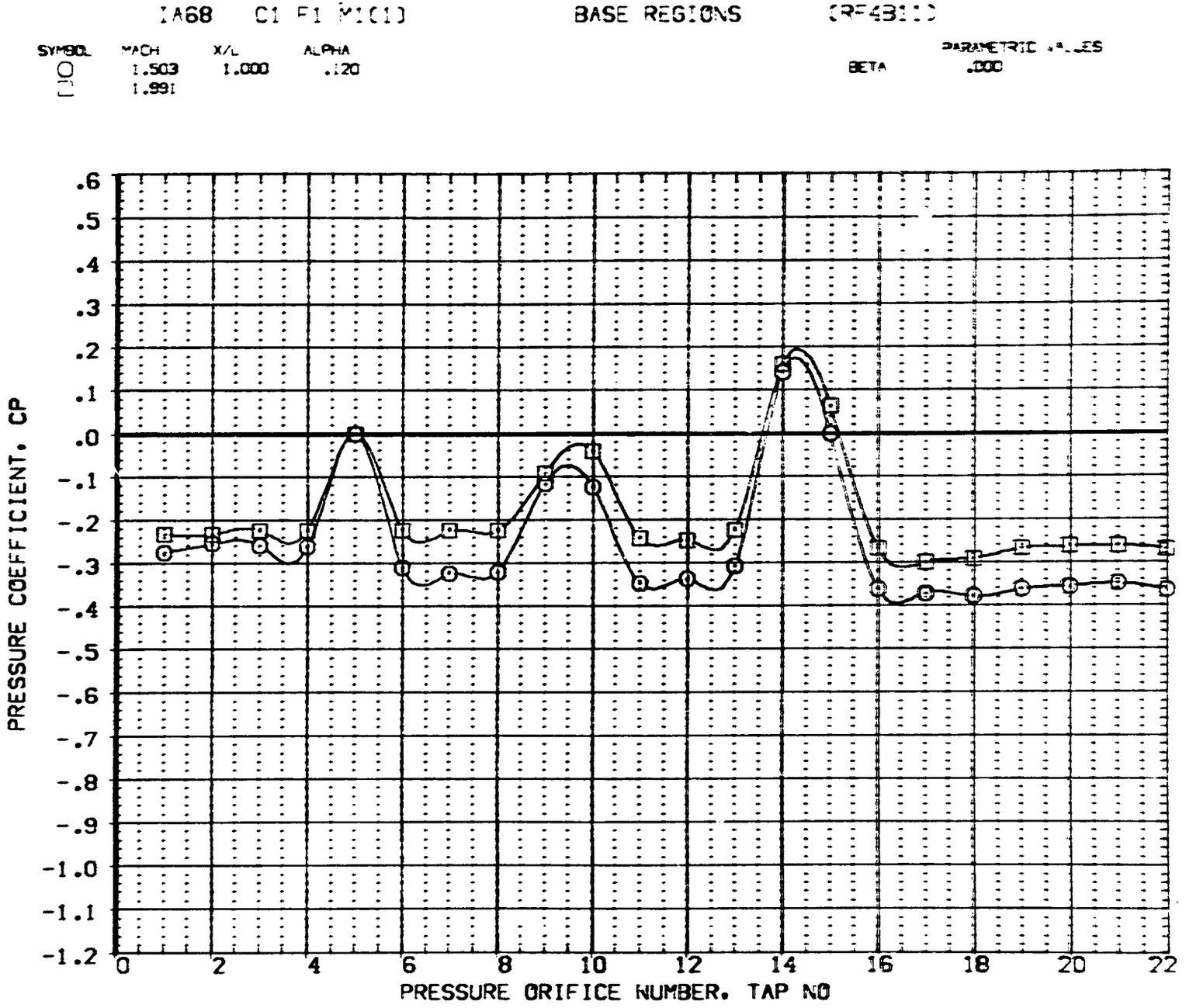

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

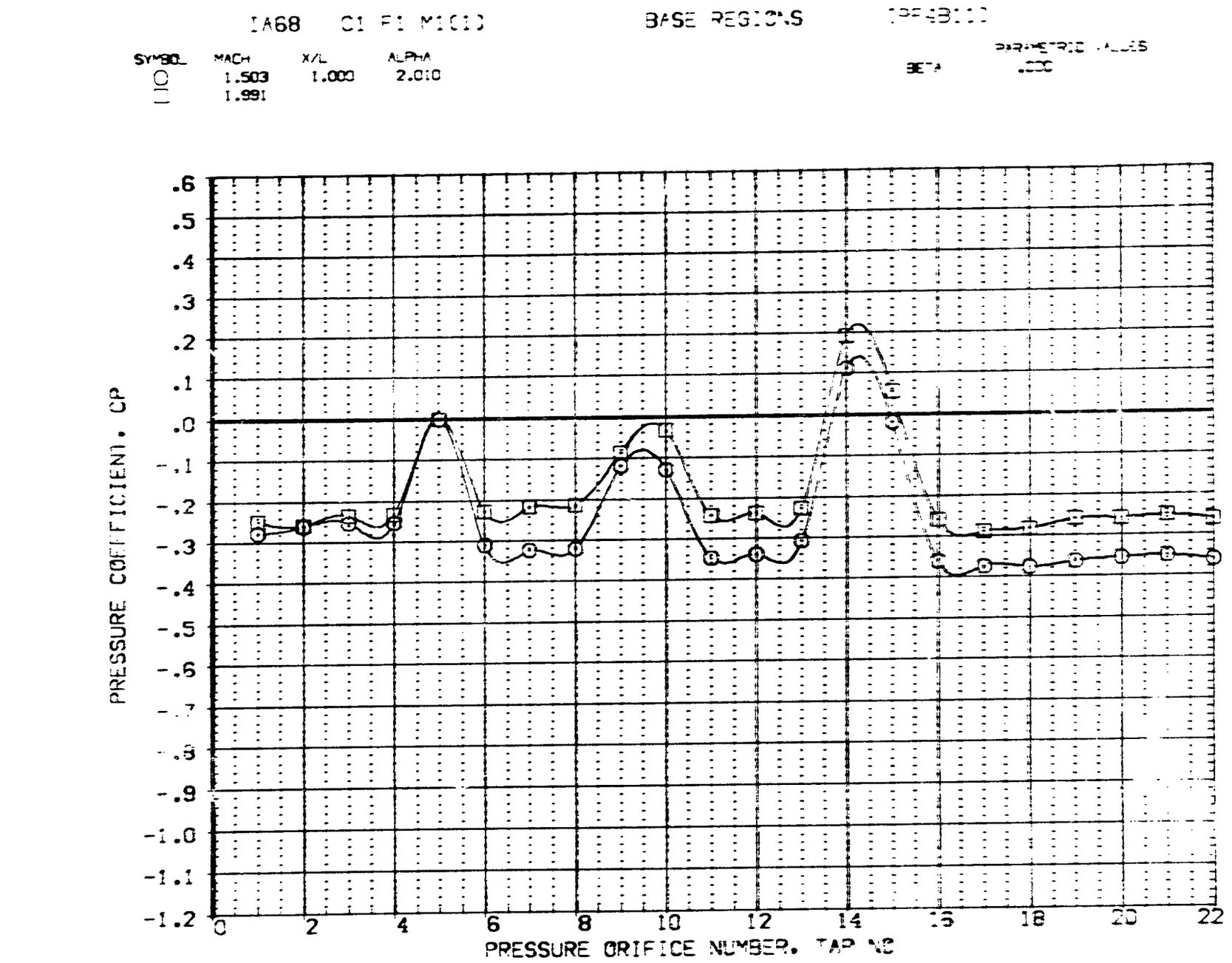

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

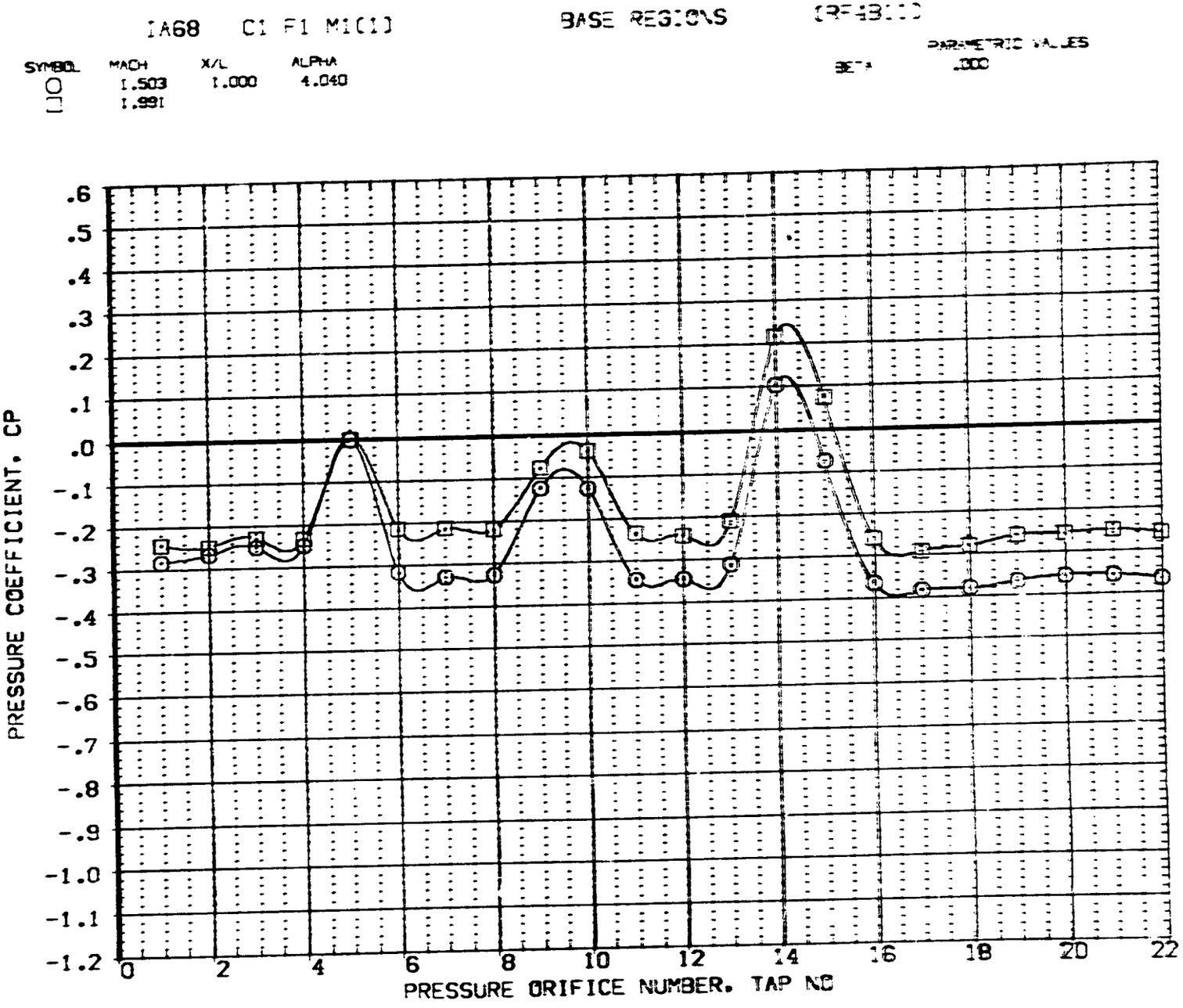

FIG 13 MODEL BASE PRESSURE COEFFICIENTS - M1 STRUT

SYMBOL	MACH	X/L	ALPHA
○	.896	1.000	.000
□	1.223		

PARAMETRIC VALUES
BETA .000

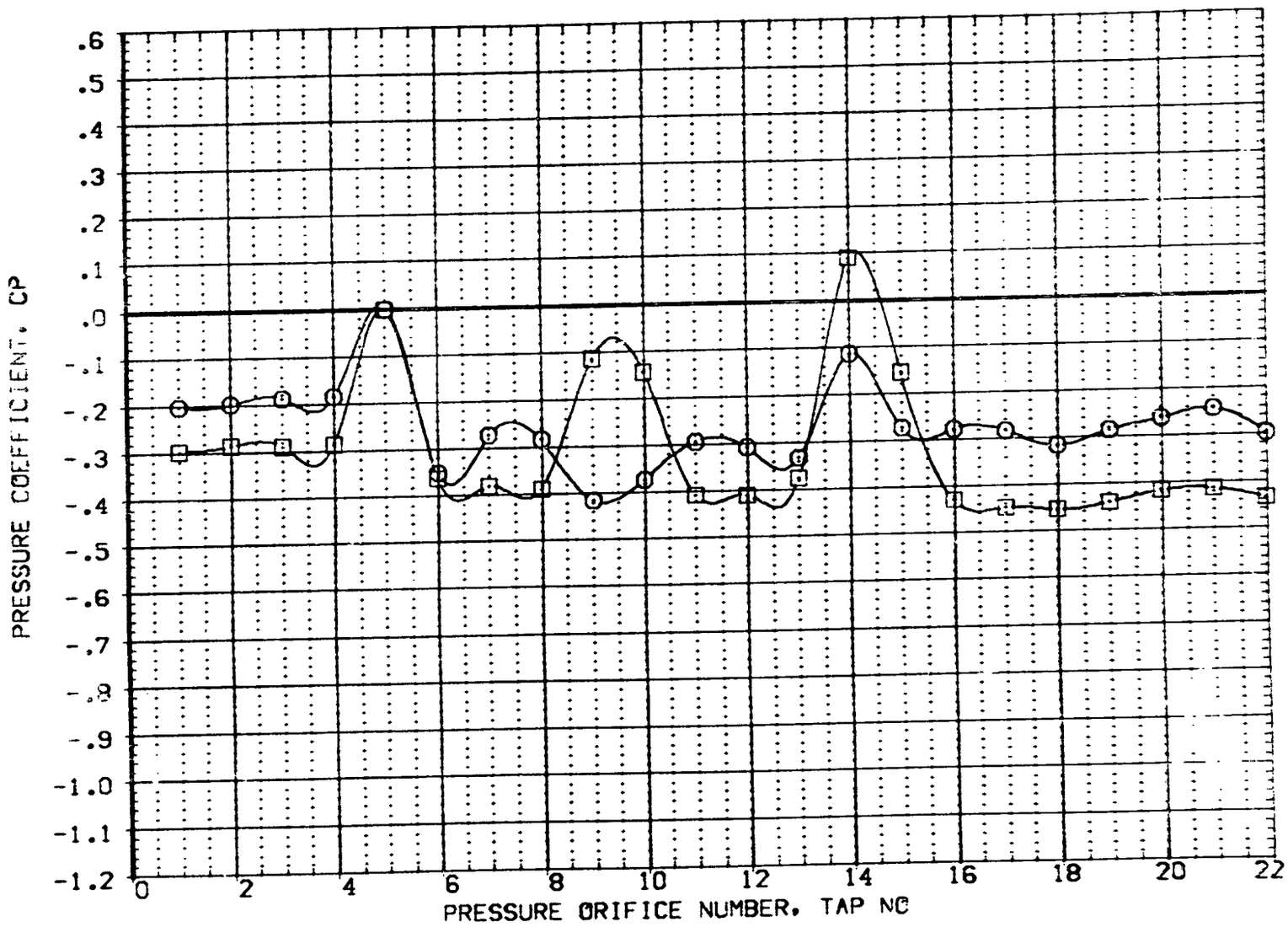

FIG 14 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT

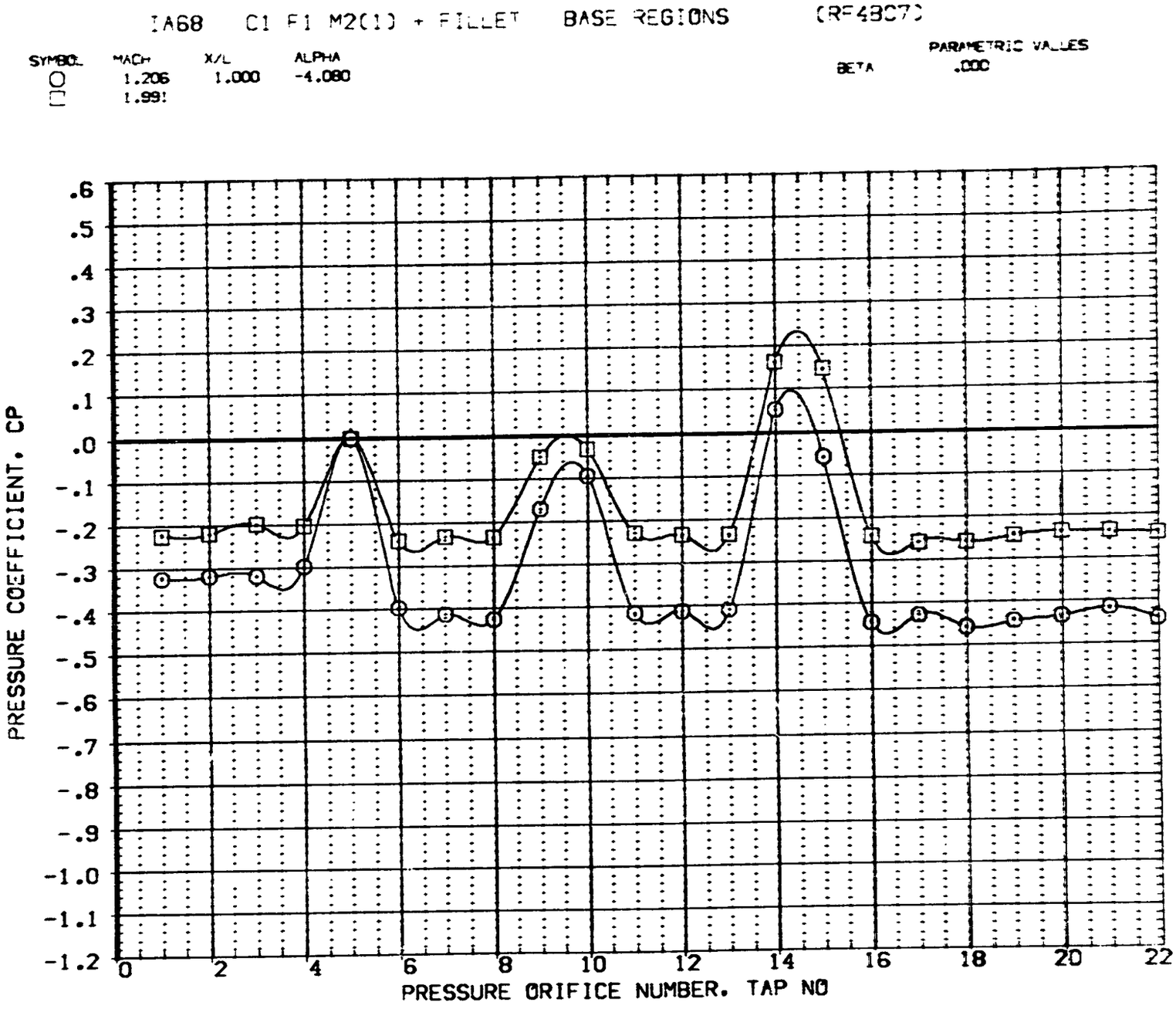

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

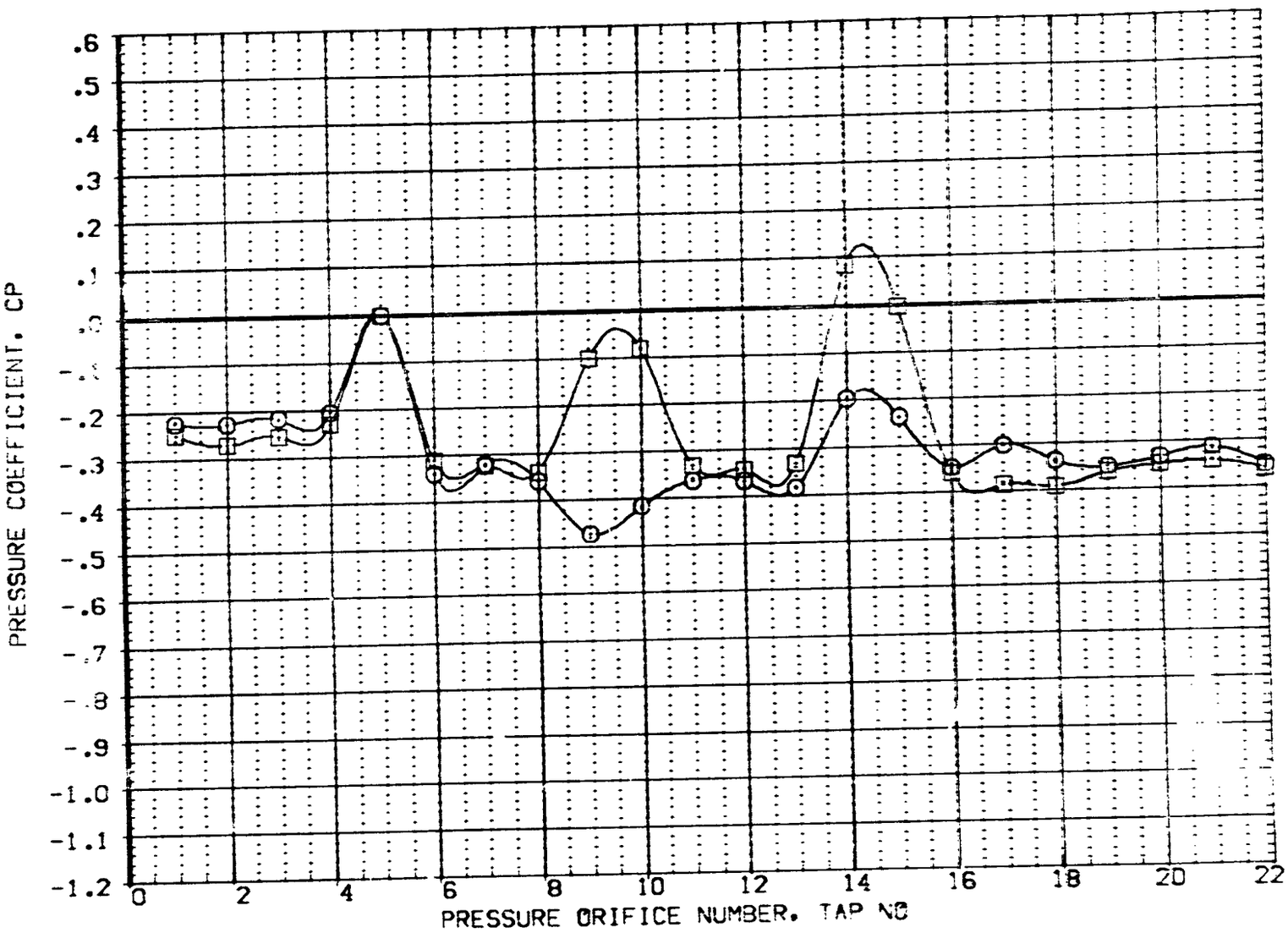

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

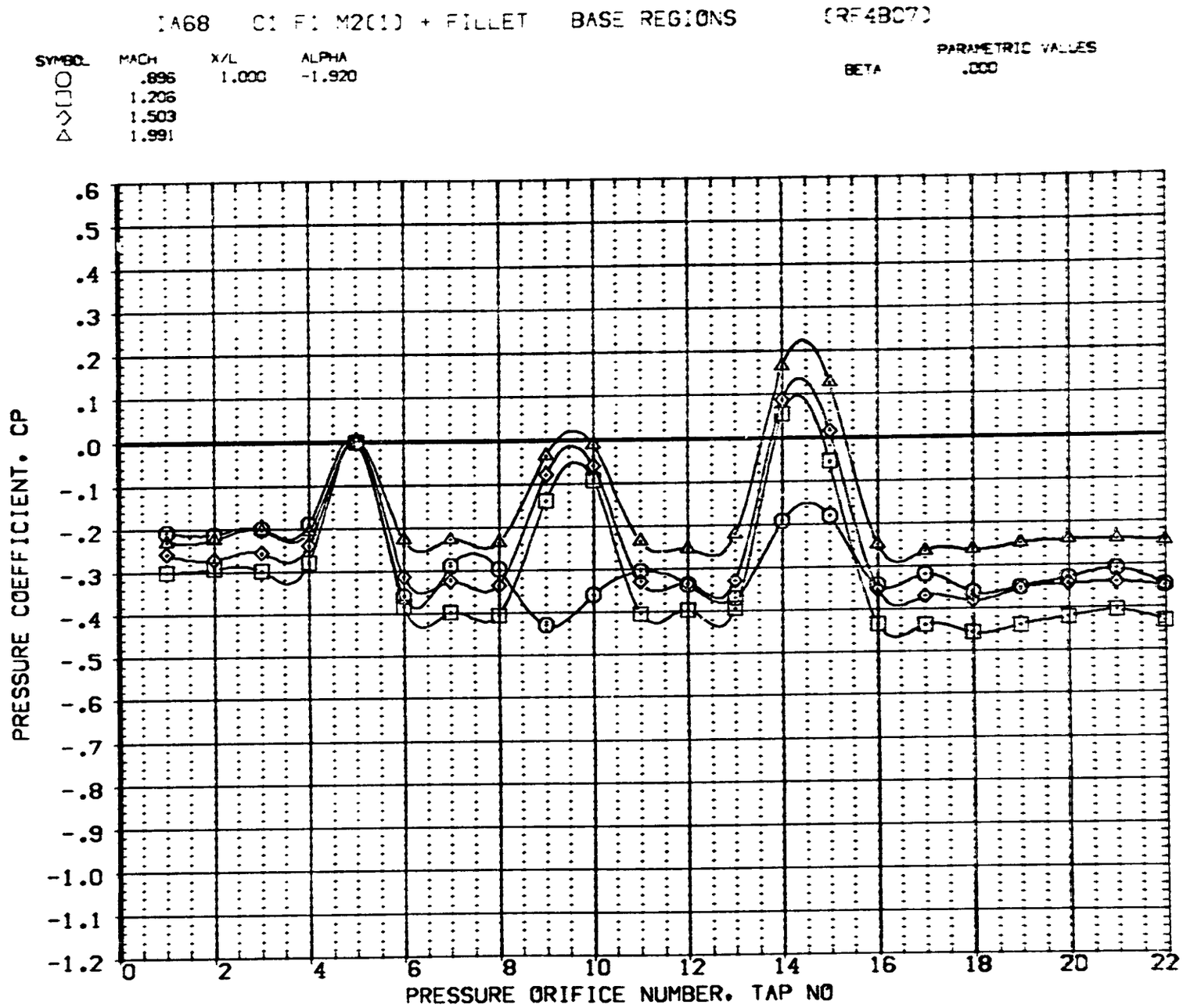

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

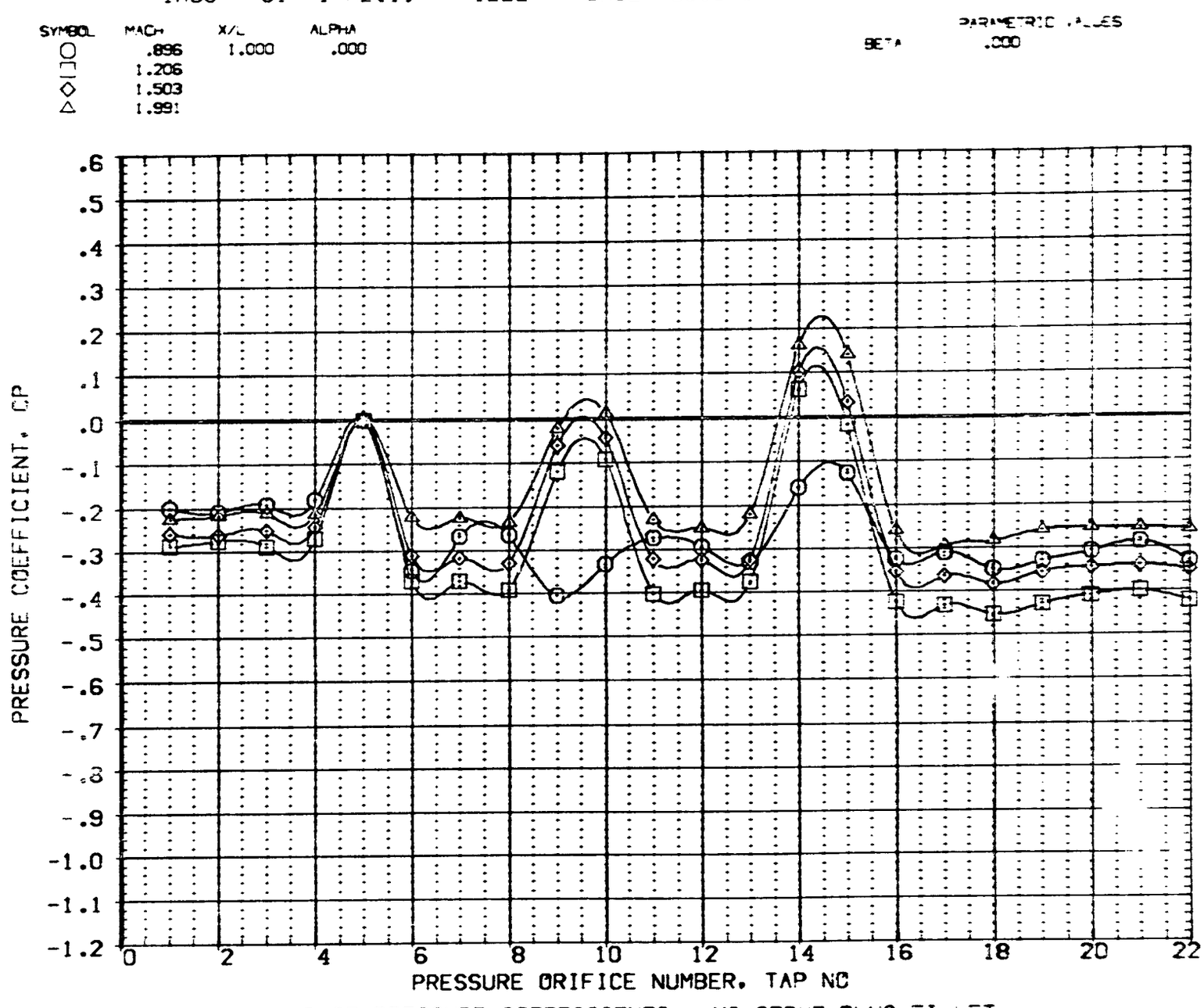

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

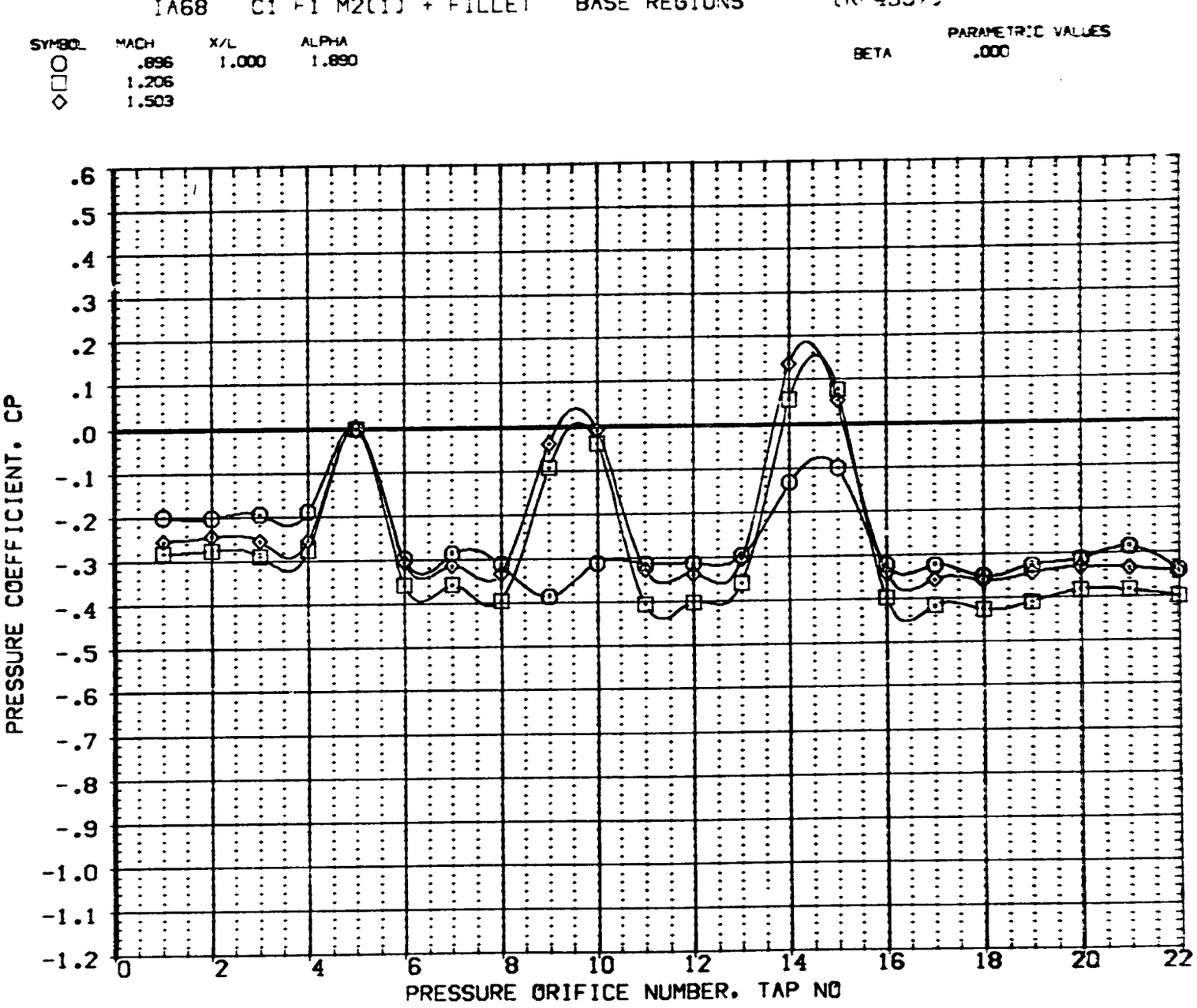

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF43072

SYMBOL	MACH	X/L	ALPHA
○	1.991	1.000	2.120

PARAMETRIC VALUES

BETA .000

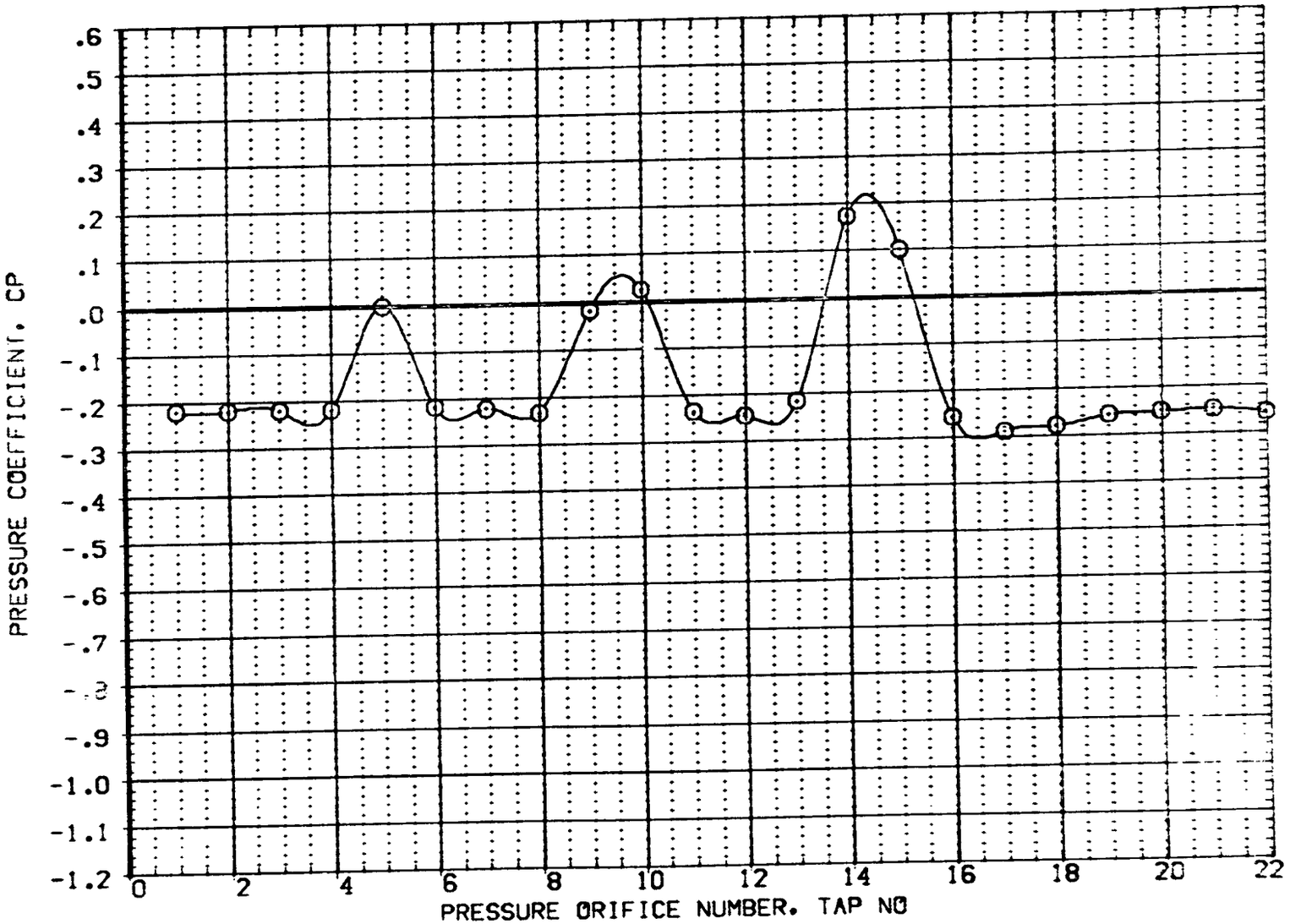

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

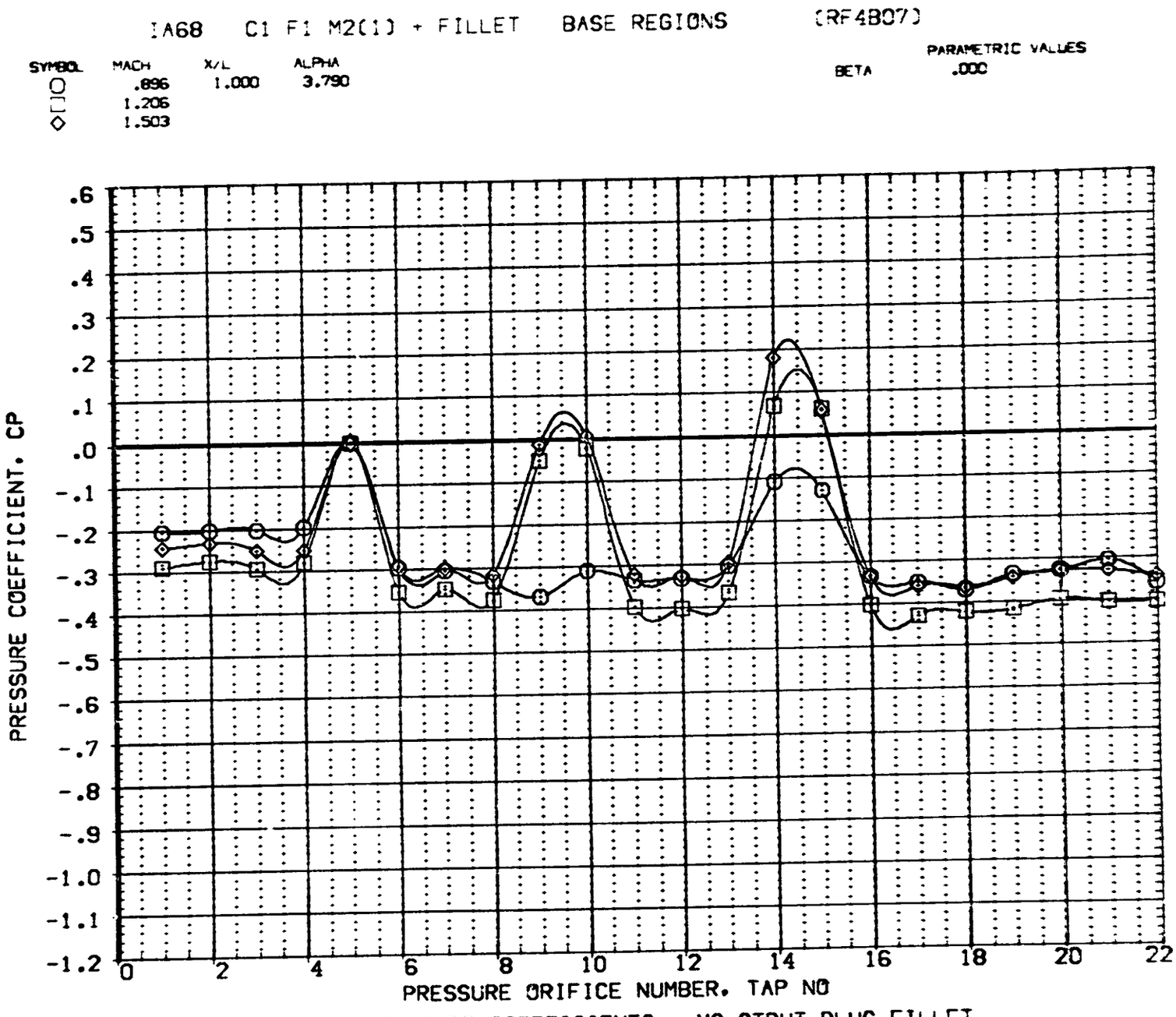

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

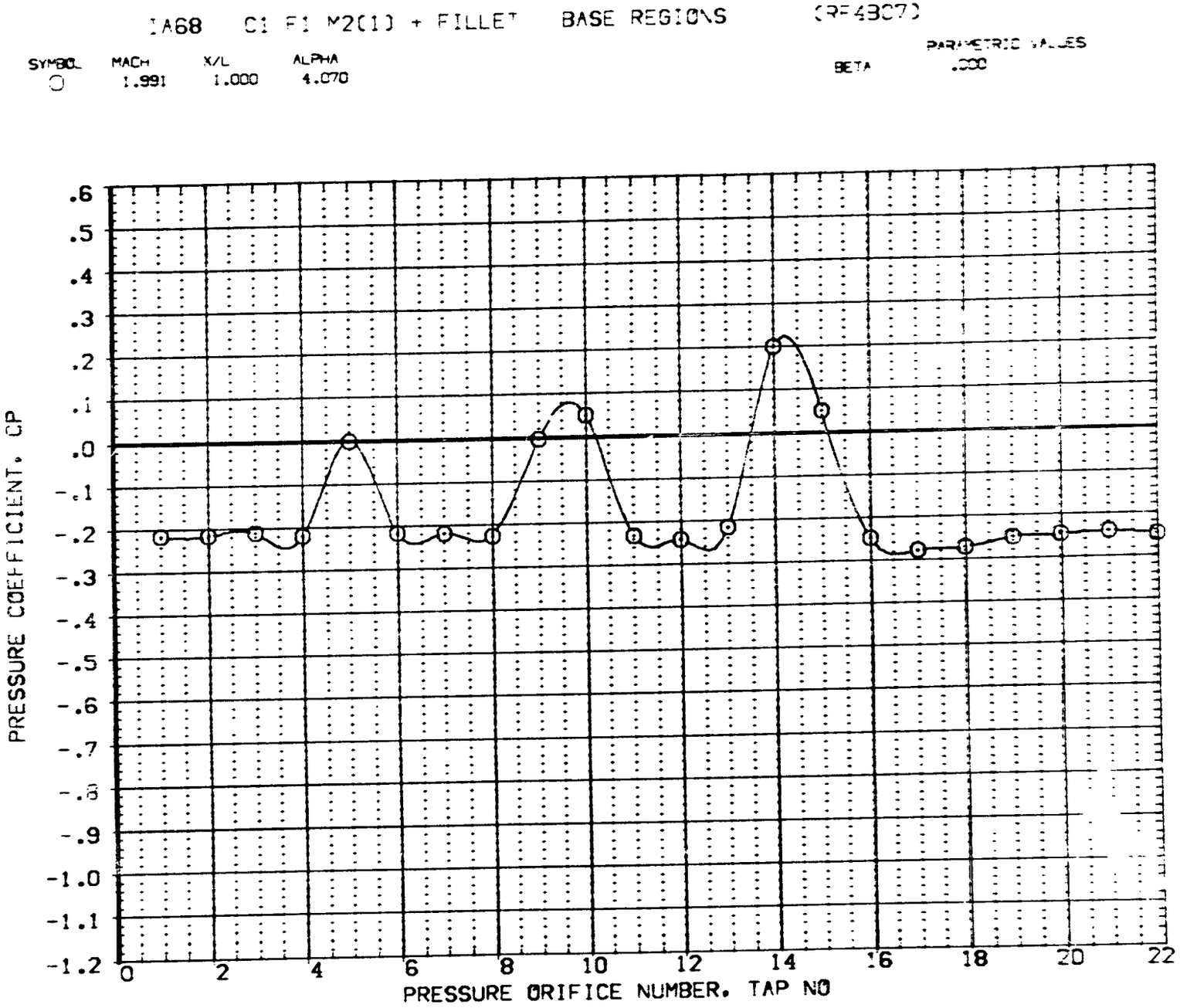

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

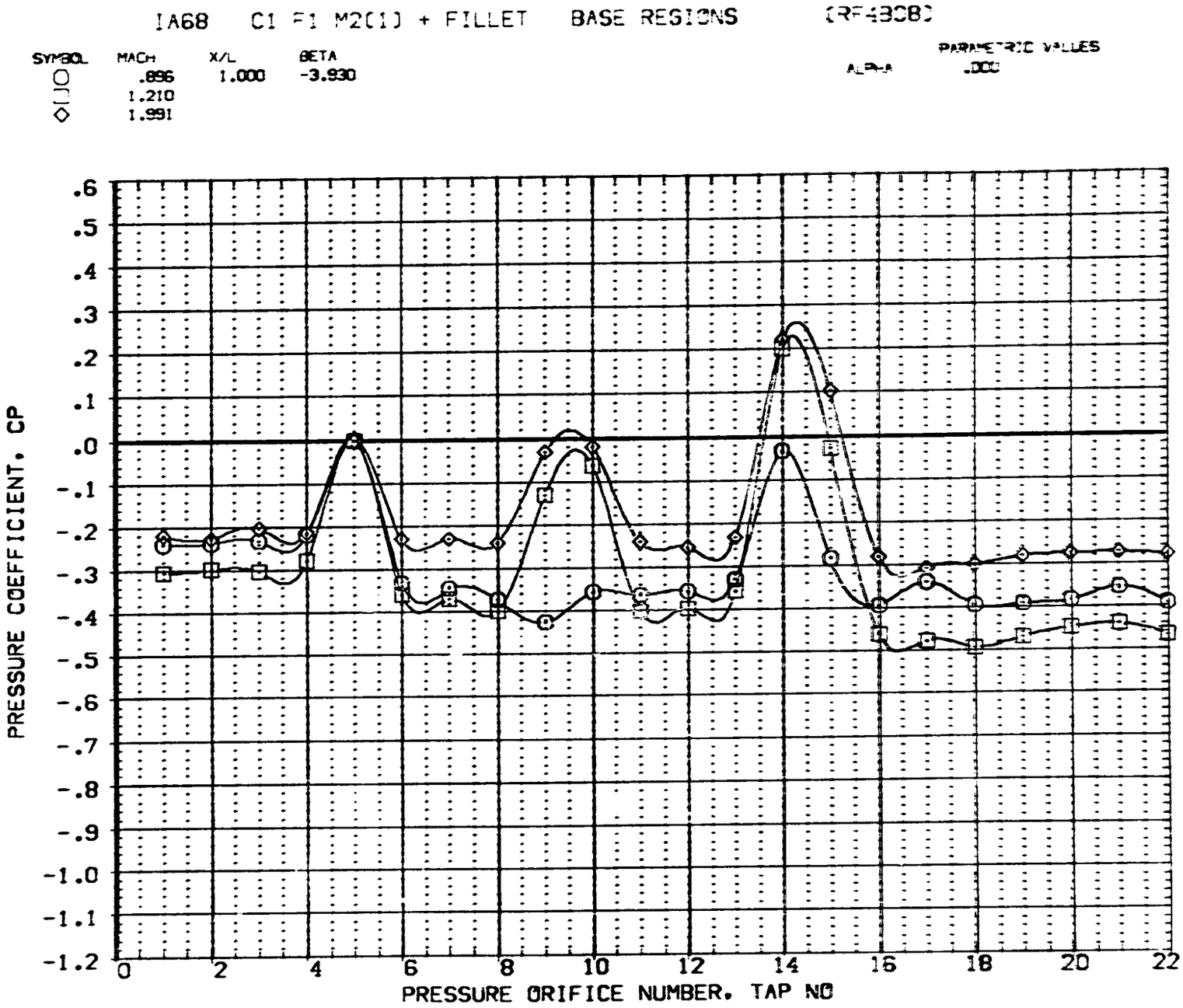

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

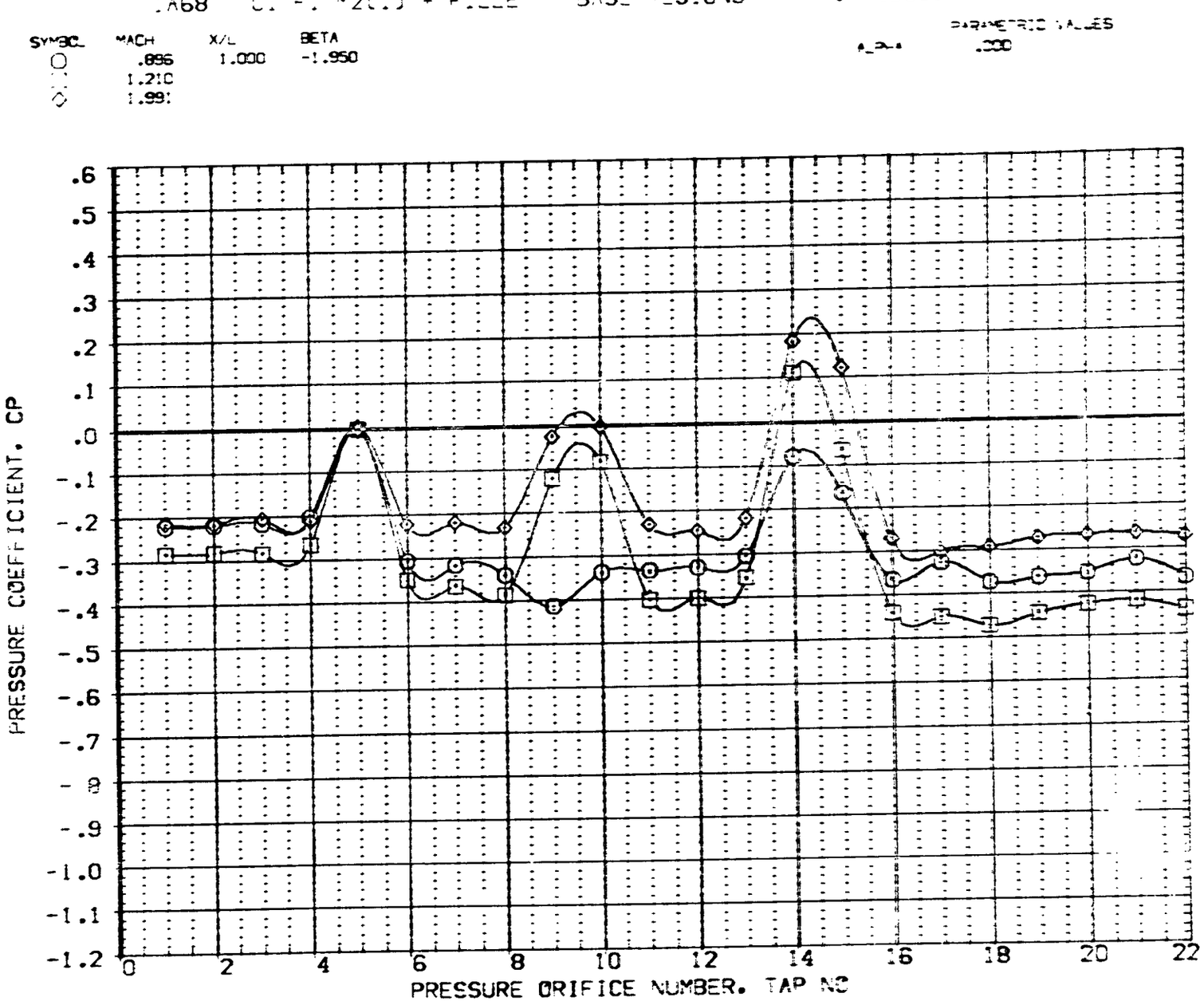

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

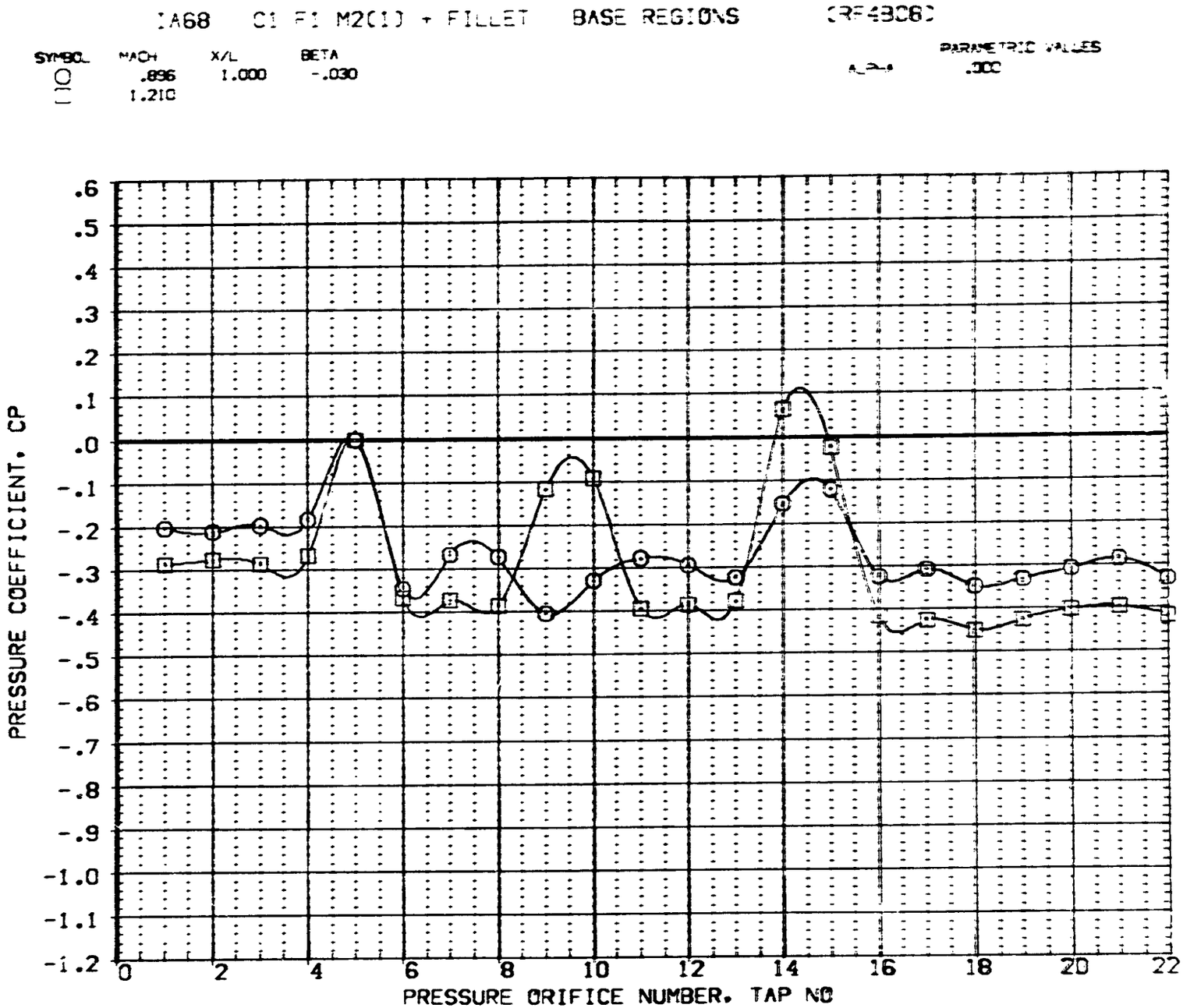

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

IA68 C1 F1 M2(1) + FILLET BASE REGIONS [illegible]

SYMBOL	MACH	X/L	BETA
○	1.991	1.000	.210

[illegible] .000

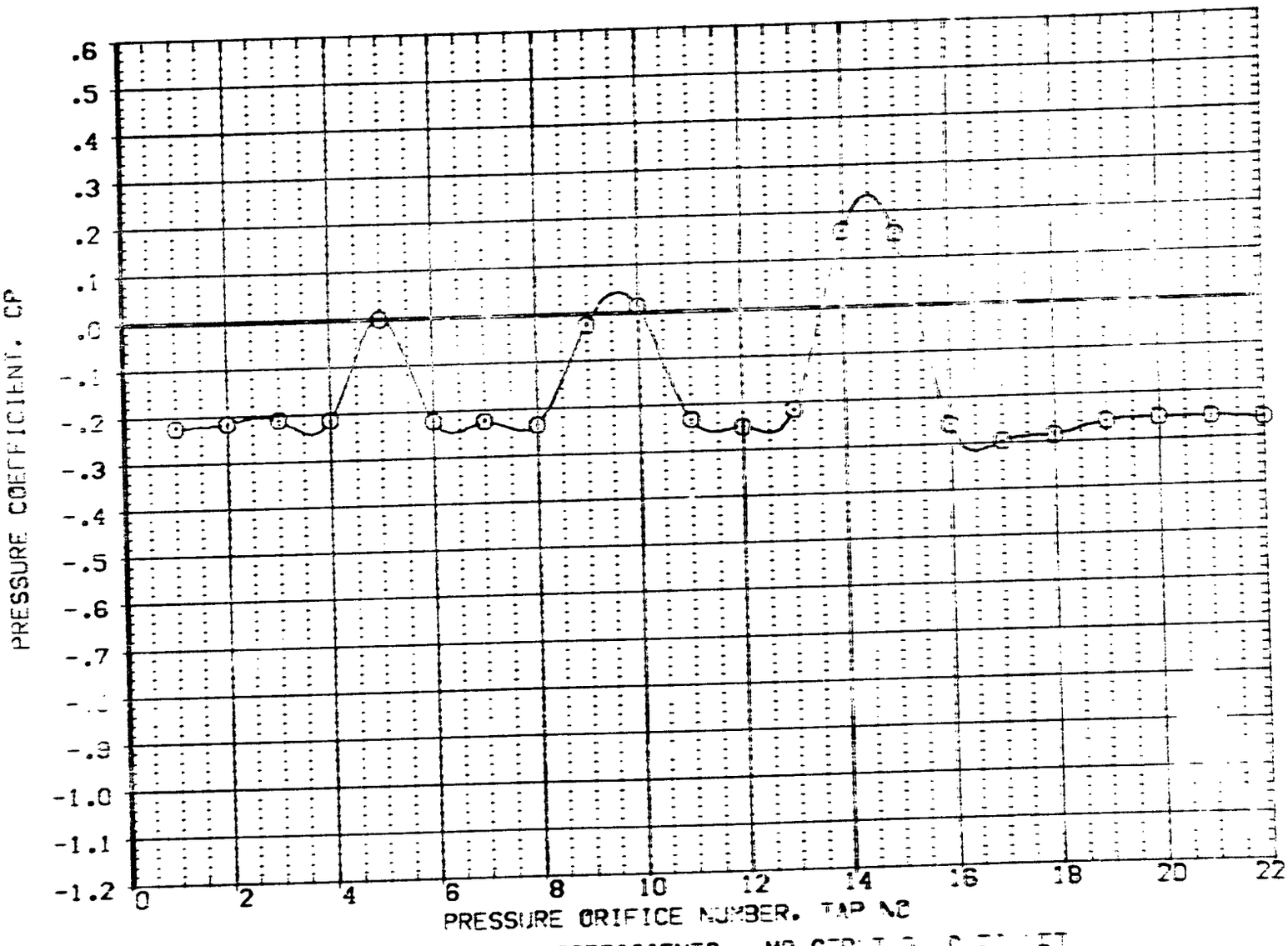

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT [illegible] FILLET

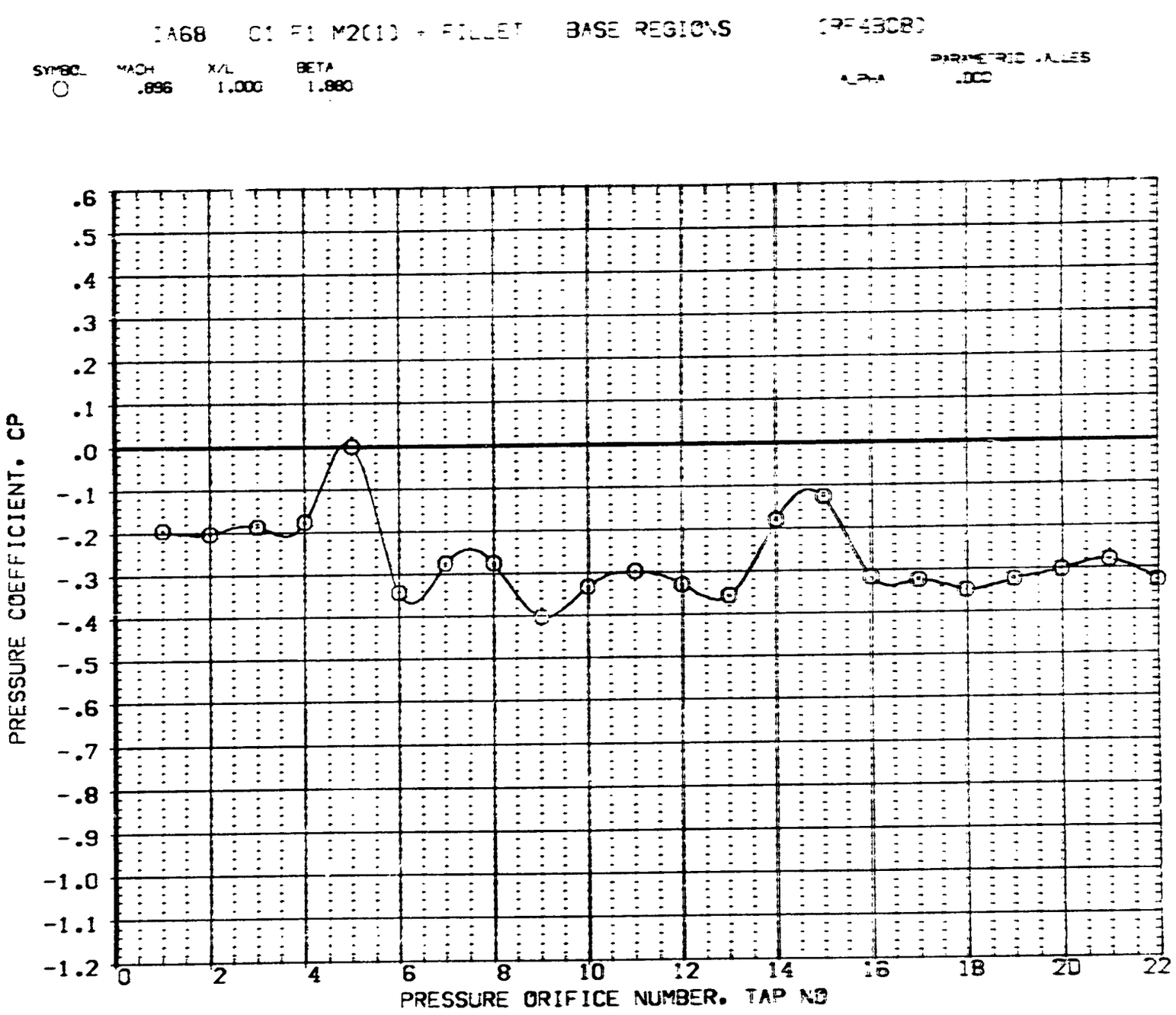

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

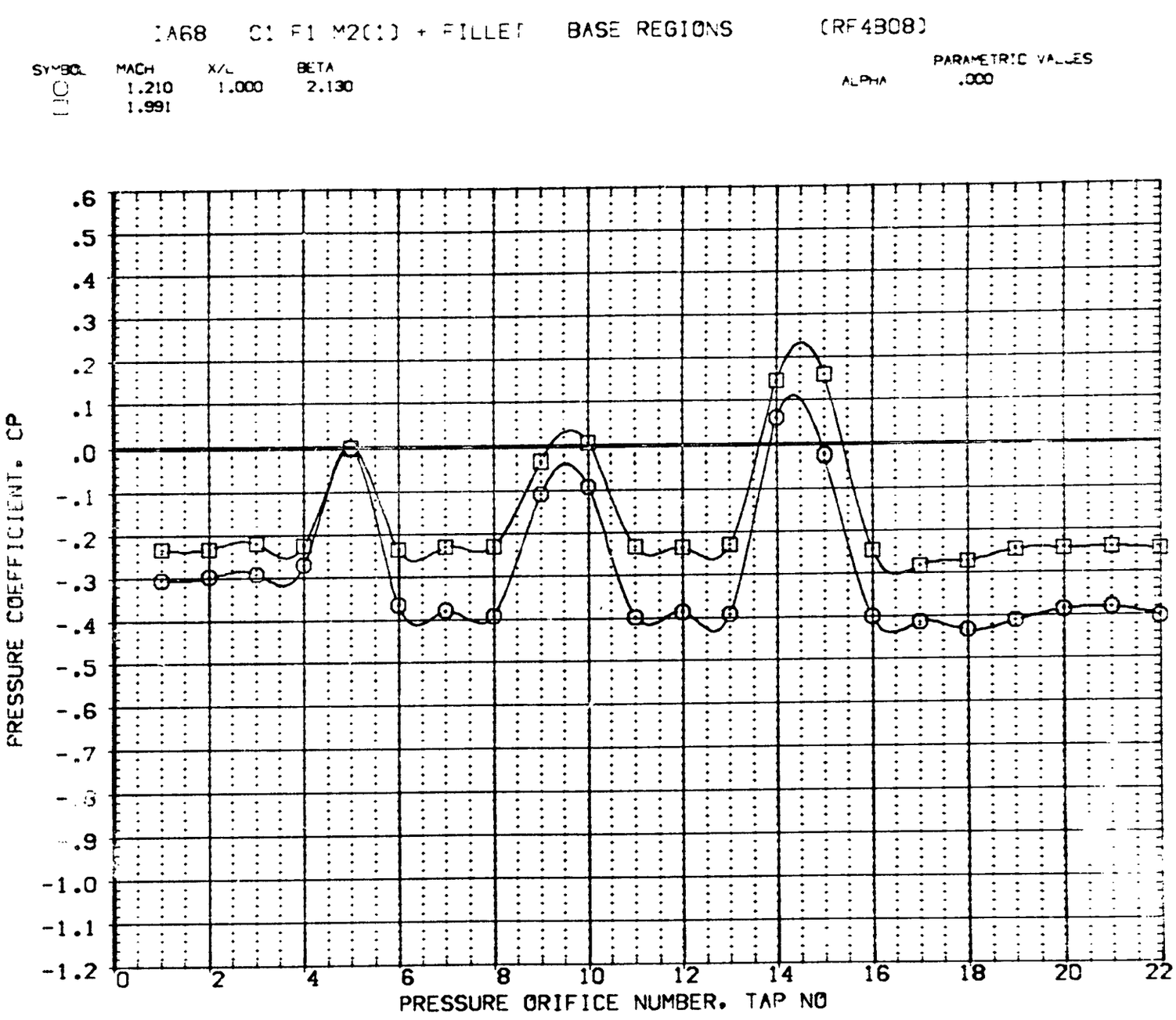

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

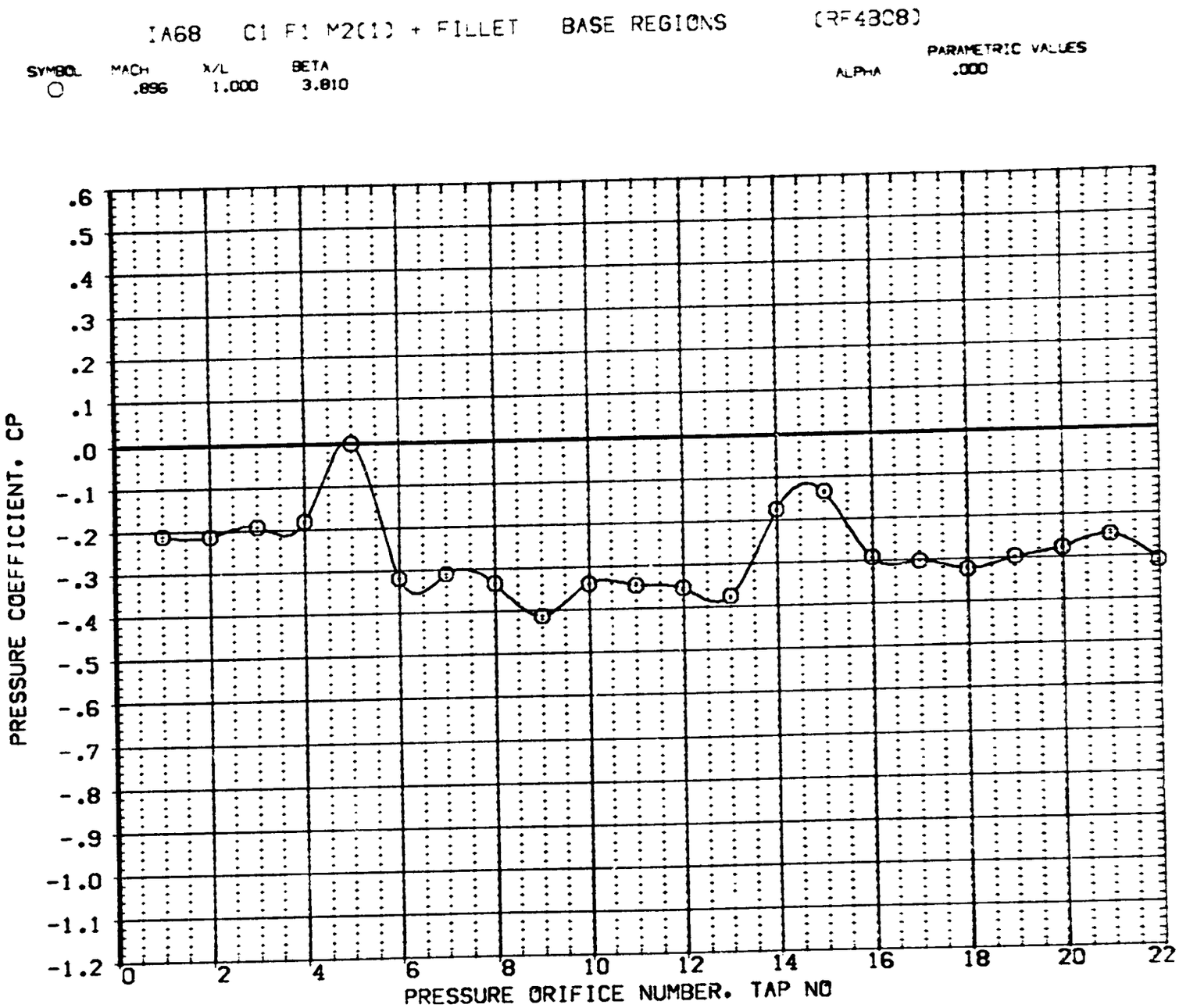

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

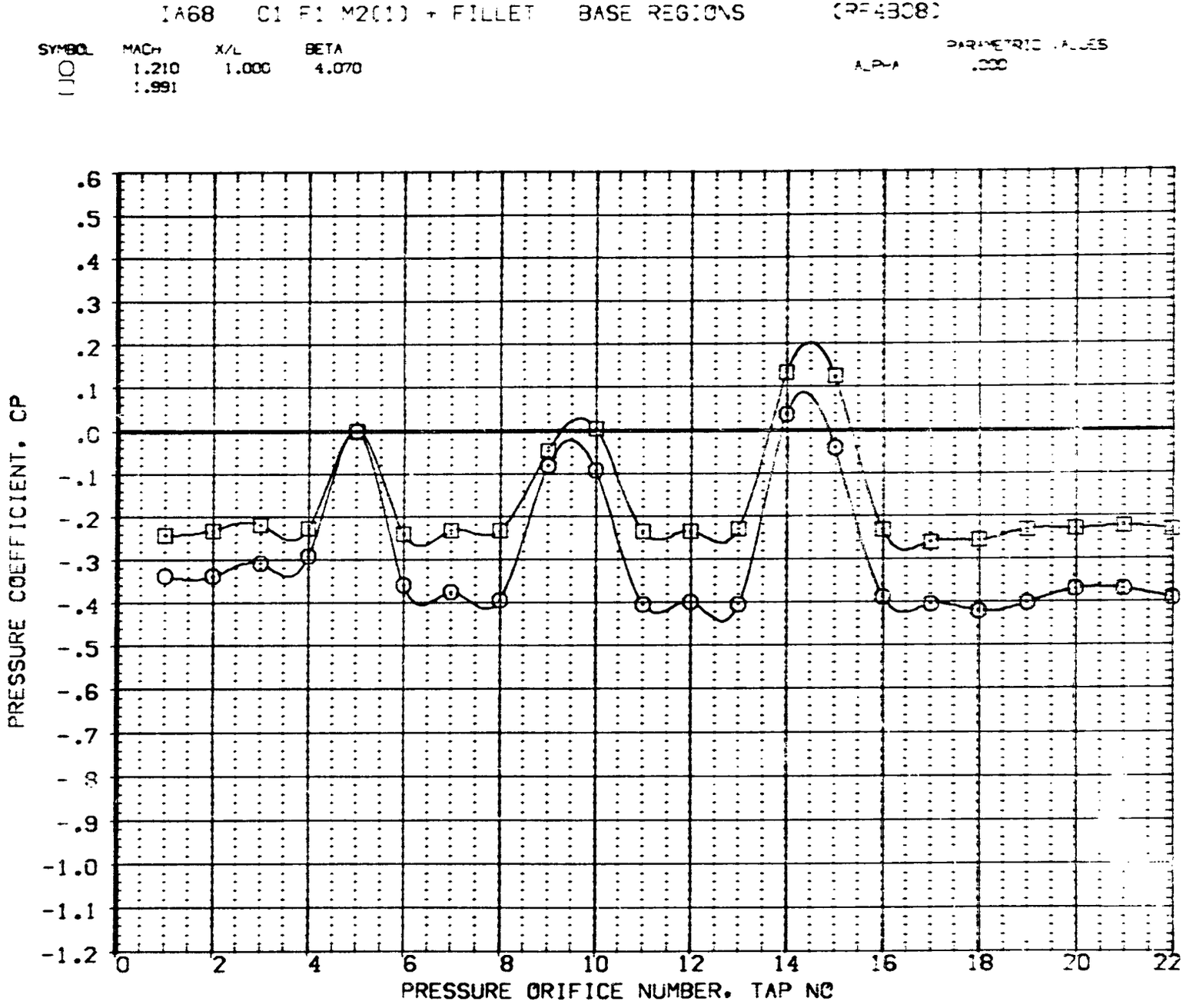

FIG 15 MODEL BASE PRESSURE COEFFICIENTS - M2 STRUT PLUS FILLET

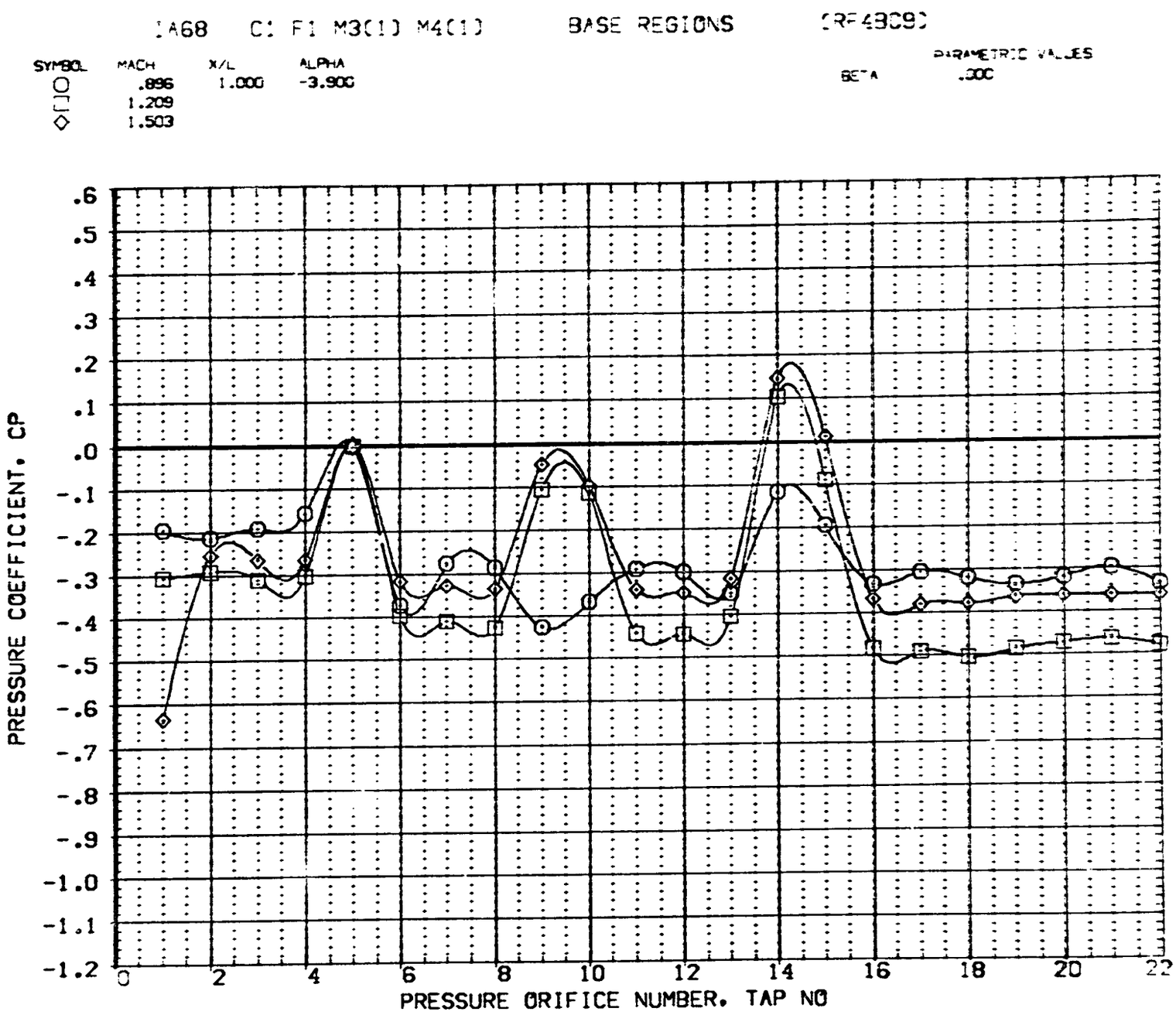

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

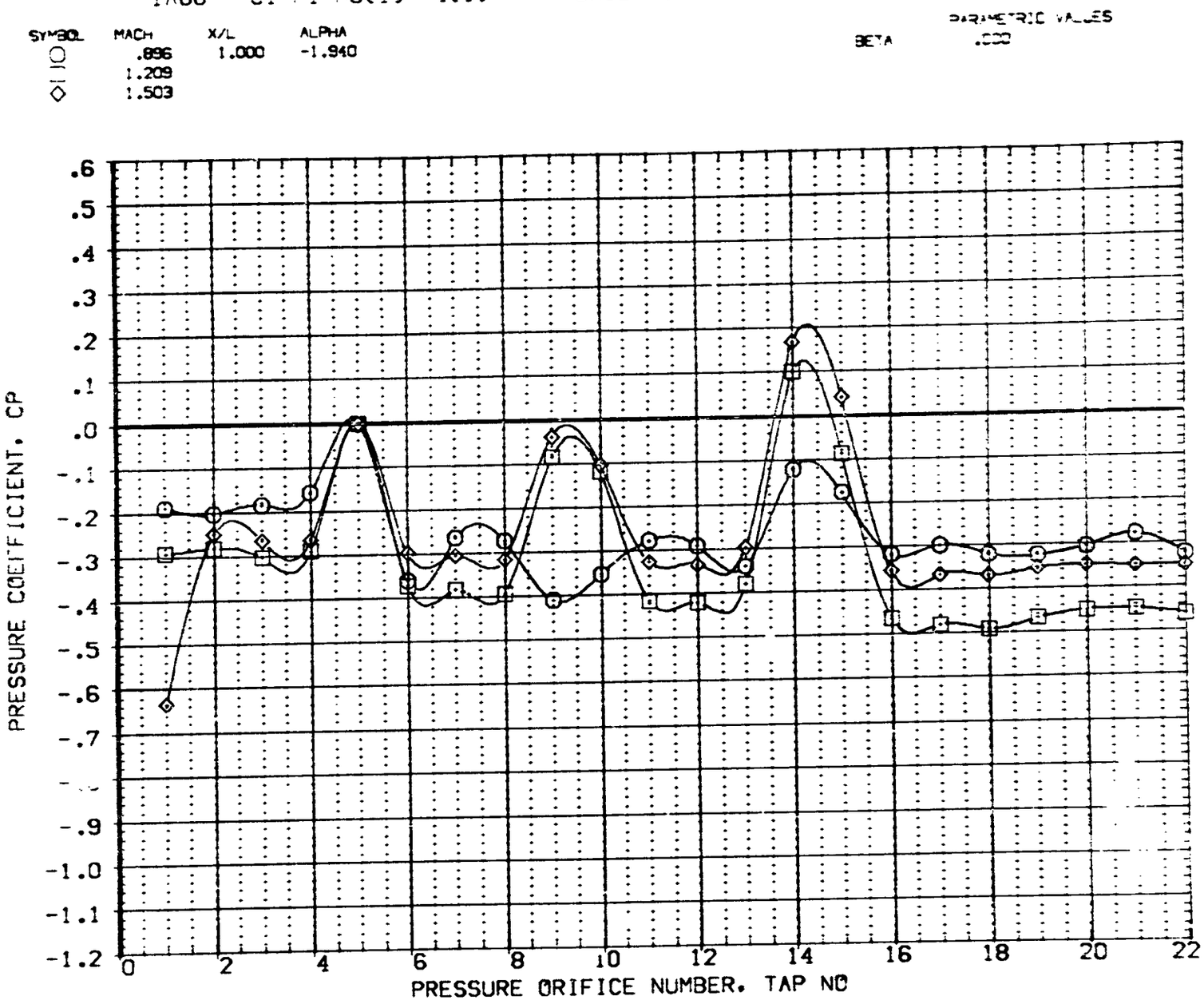

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

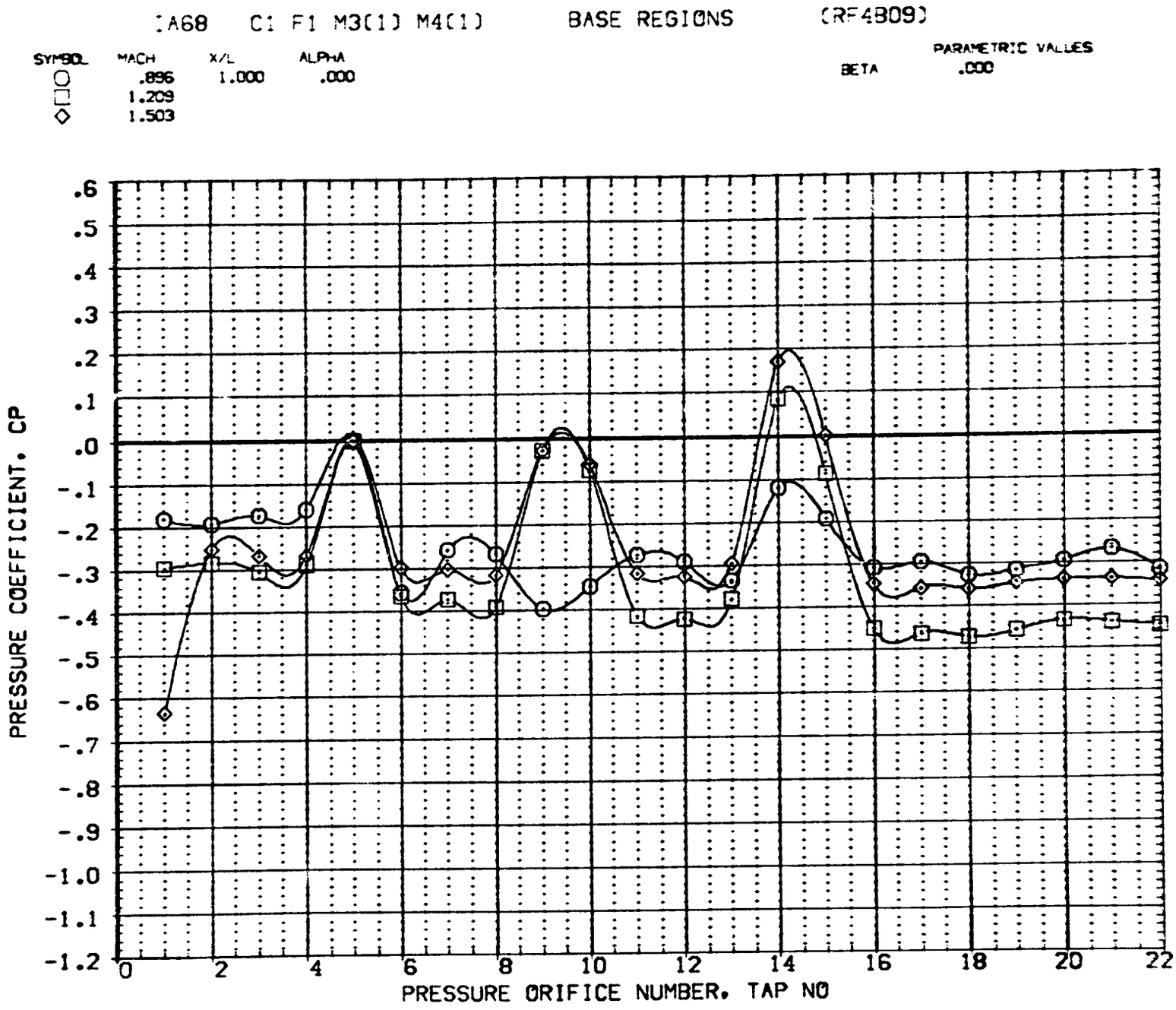

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

SYMBOL	MACH	X/L	ALPHA
○	.896	1.000	1.910
□	1.209		

PARAMETRIC VALUES

BETA .000

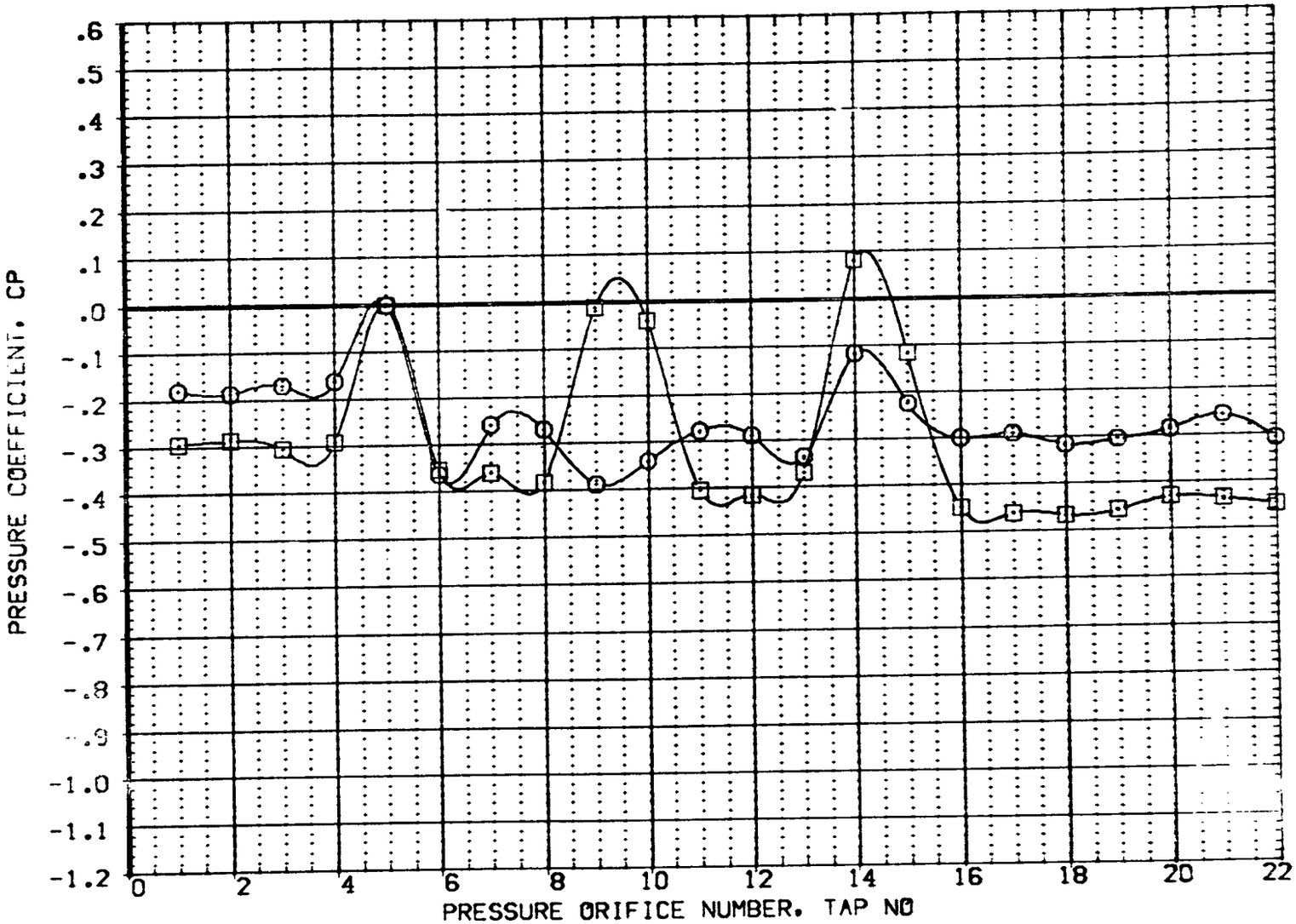

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

IA68 C1 F1 M3(1) M4(1) BASE REGIONS (RF4809)

SYMBOL	MACH	X/L	ALPHA
○	1.503	1.000	2.120

PARAMETRIC VALUES

BETA .000

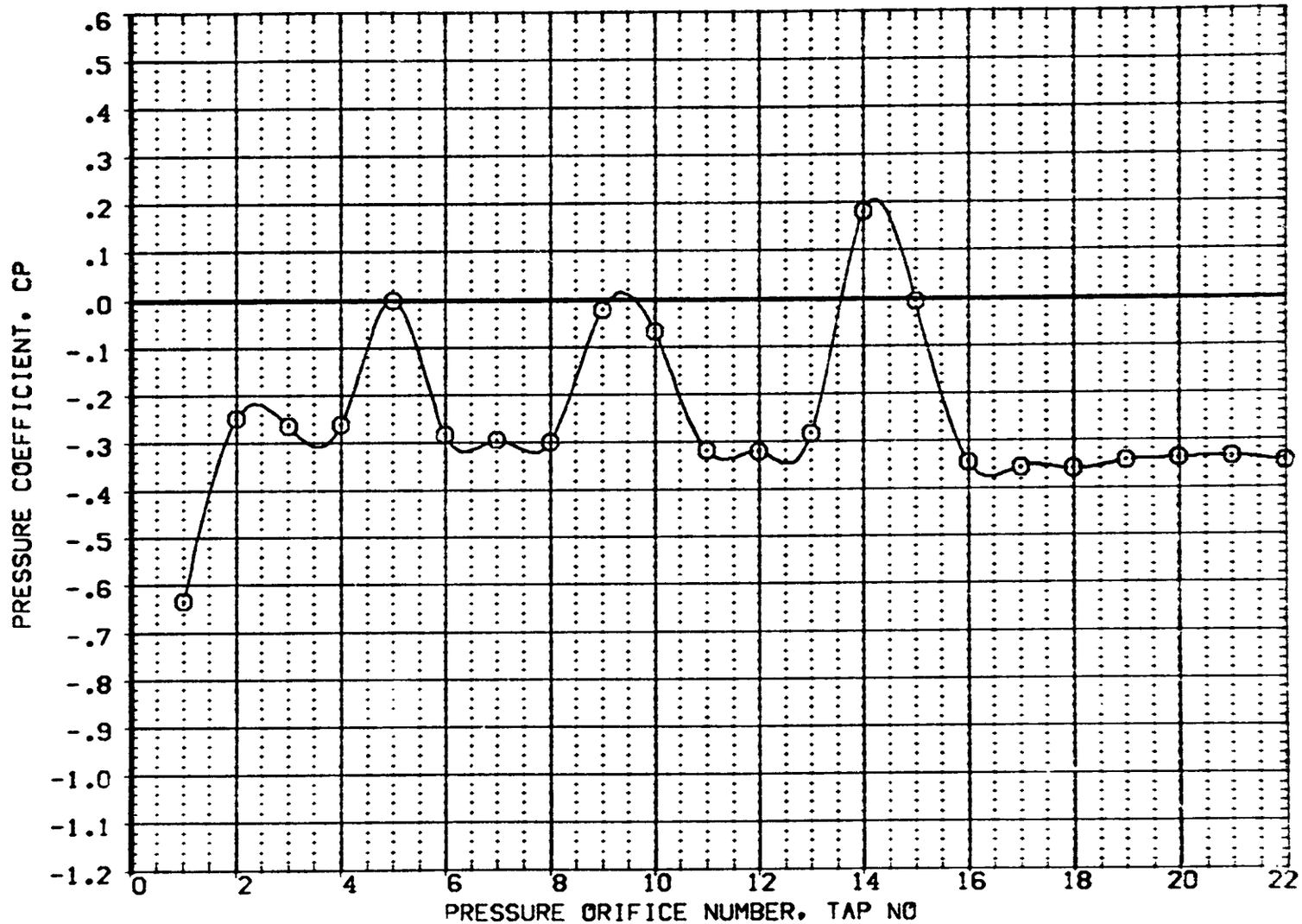

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

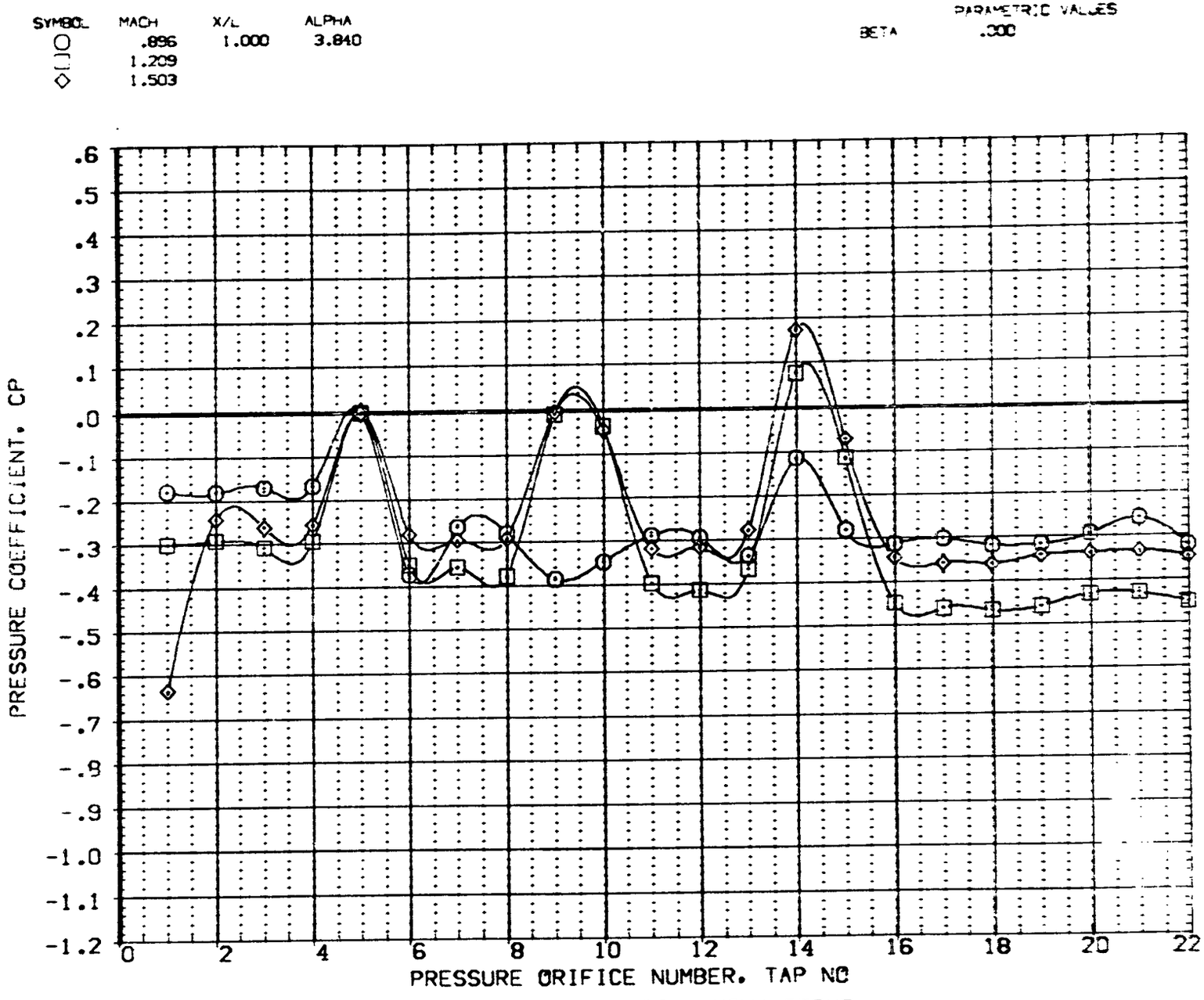

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

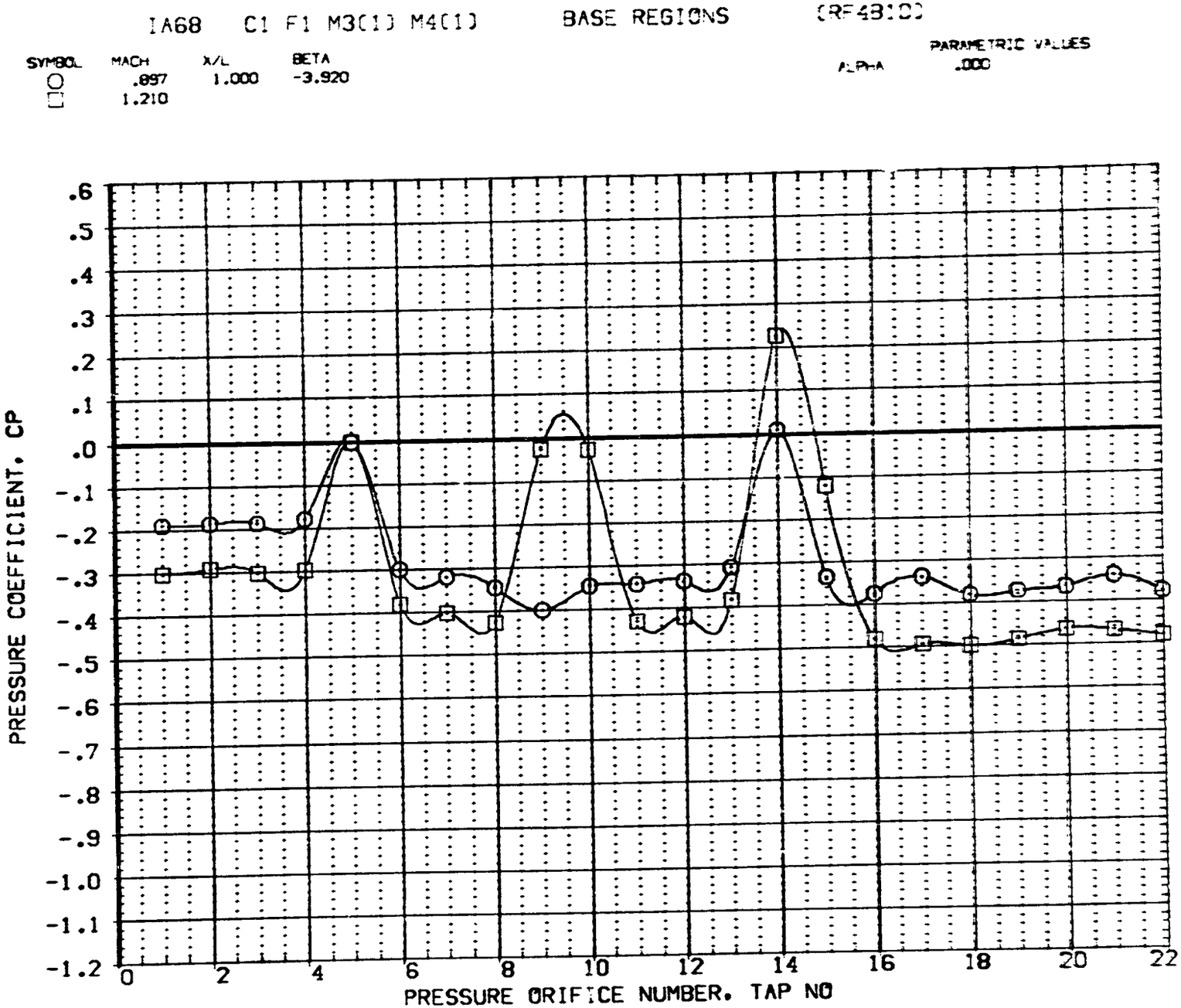

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

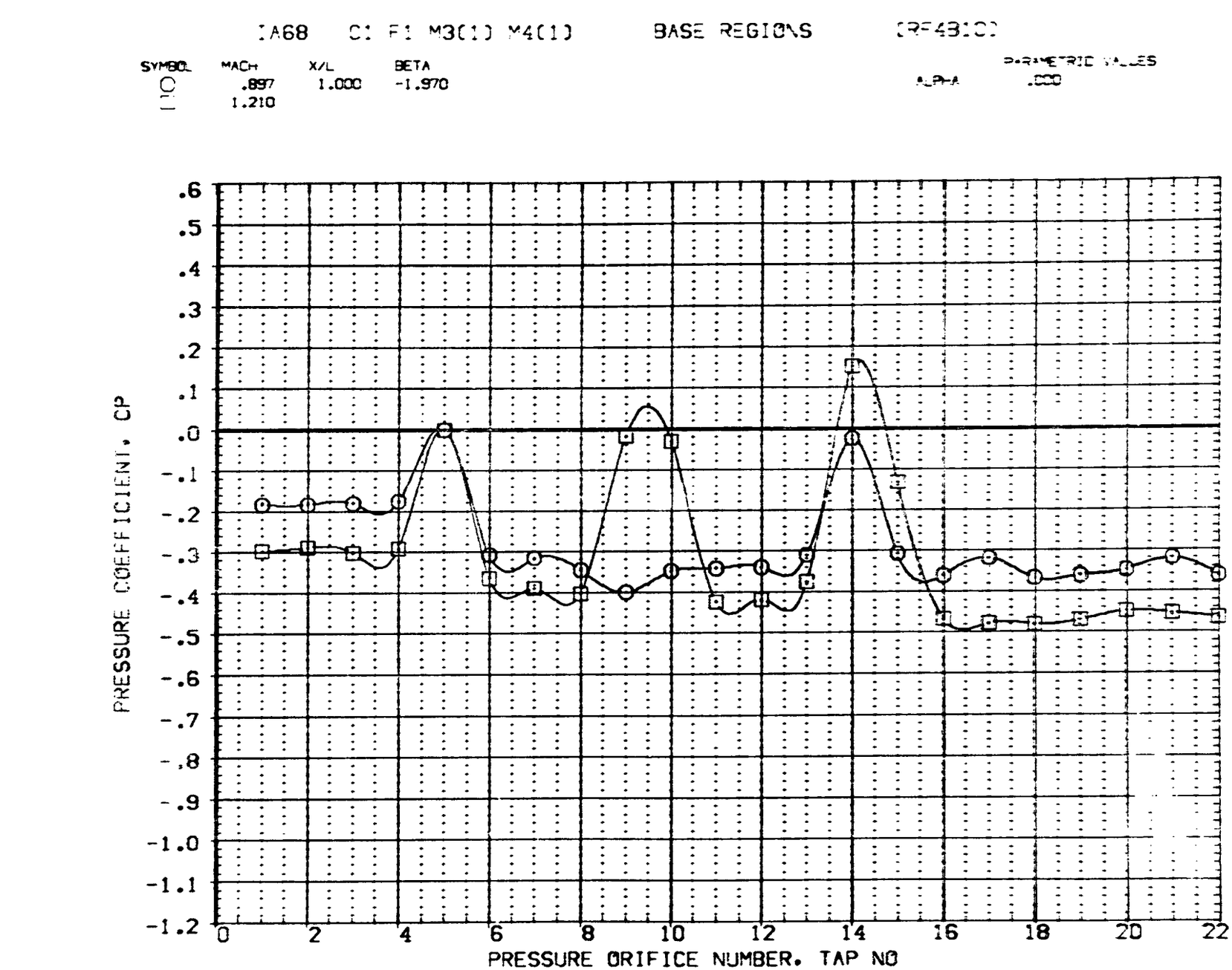

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

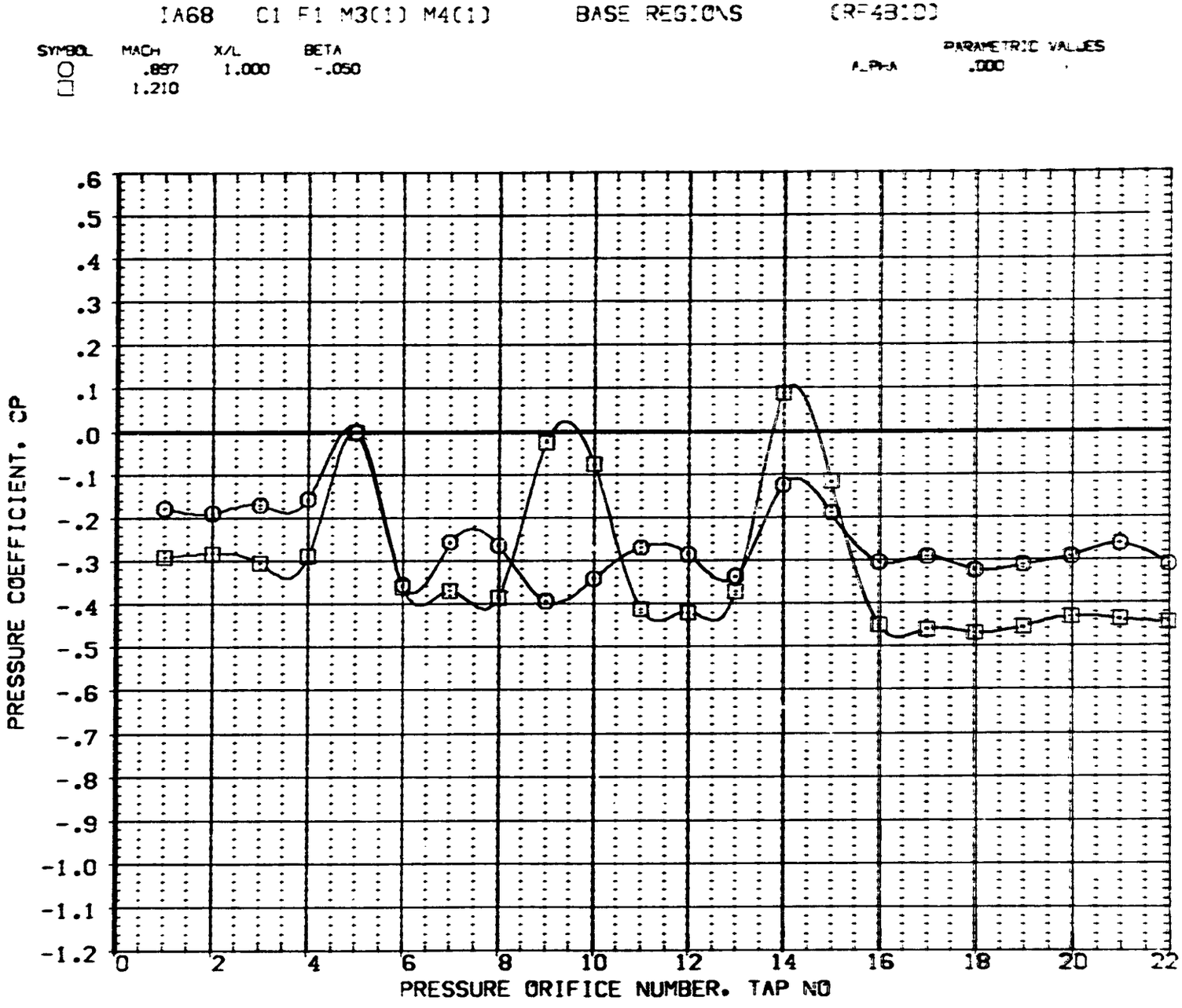

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

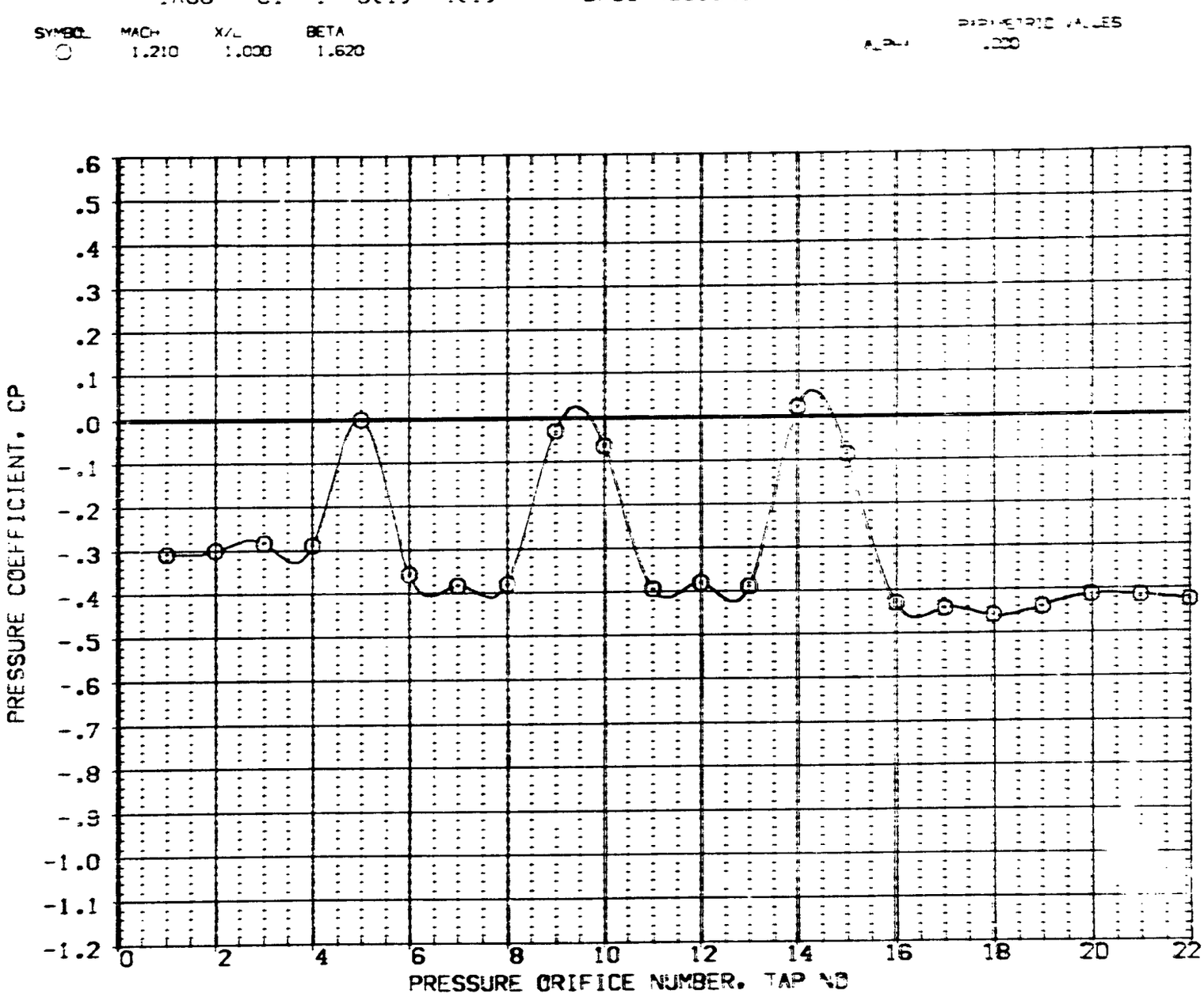

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

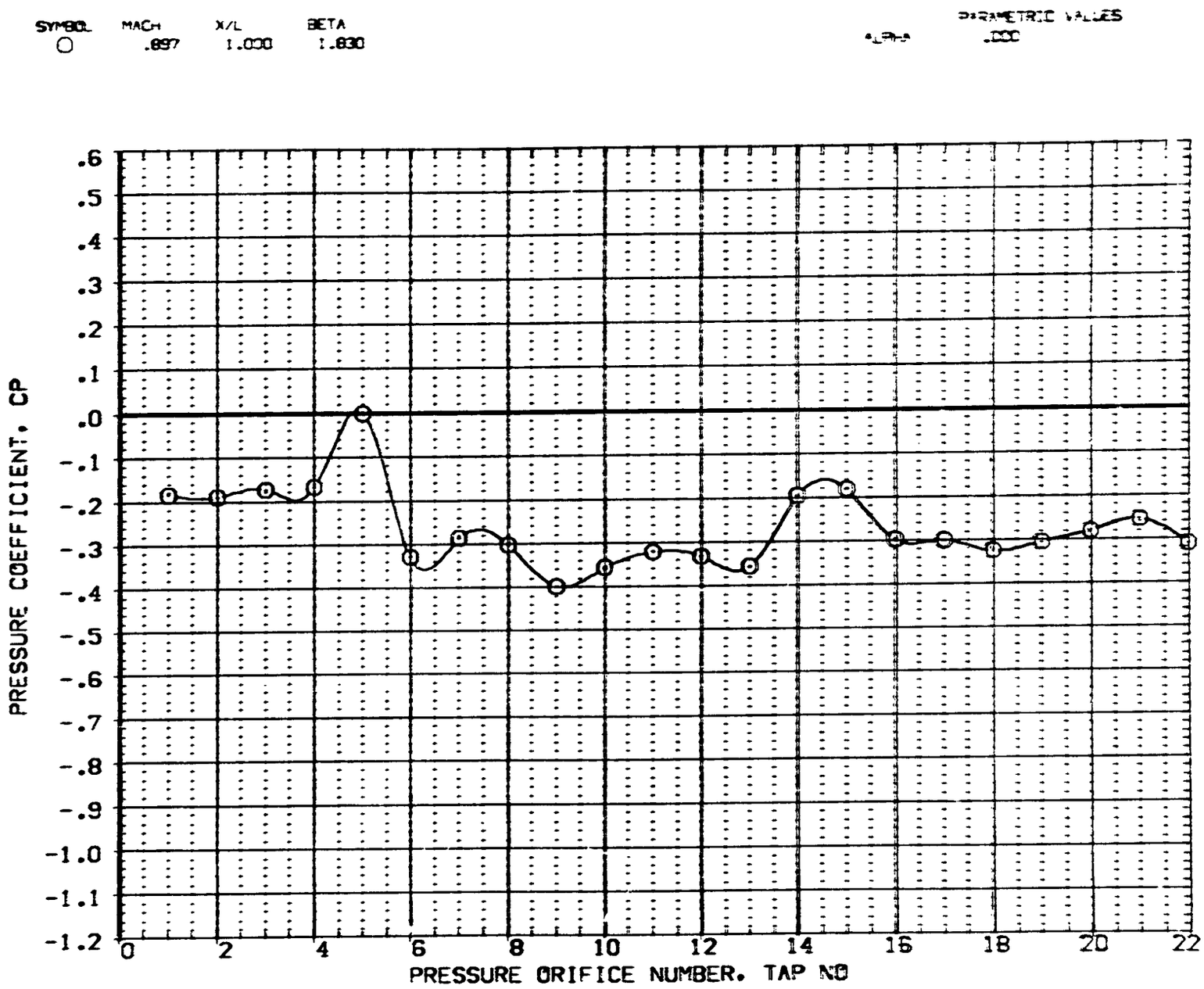

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

SYMBOL	MACH	X/L	BETA
○	.897	1.000	3.840
□	1.210		

PARAMETRIC VALUES
ALPHA .000

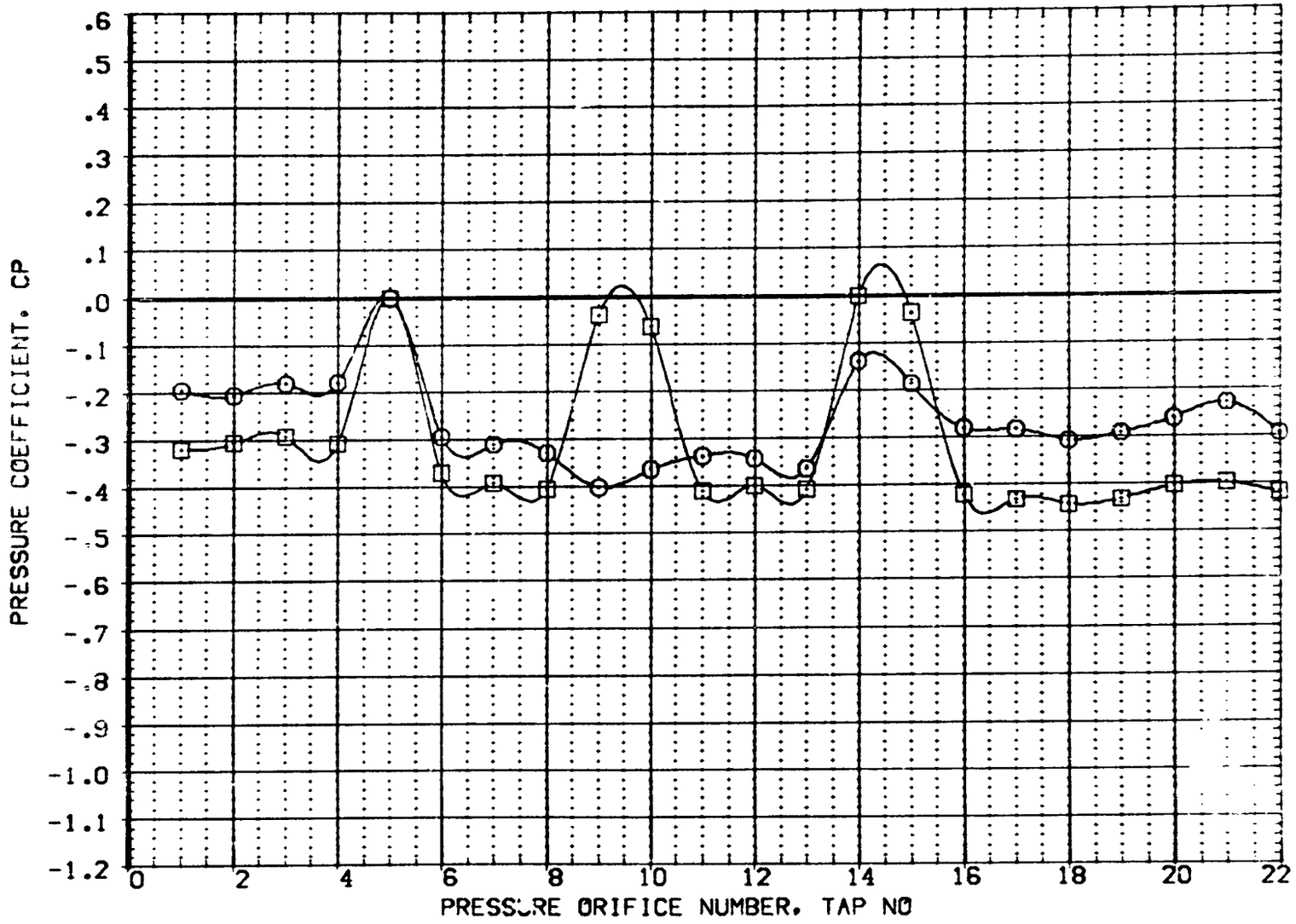

FIG 16 MODEL BASE PRESSURE COEFFICIENTS - M3M4 STRUT

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4UD6)	○	IA68 C1 F1 M2(1)	UPPER WING SURFACE	.000
(RF4UI2)	◇	IA68 C1 F1 M2(1)	UPPER WING SURFACE	.000
(RF4LD6)	△	IA68 C1 F1 M2(1)	LOWER WING SURFACE	.000
(RF4LI2)	▽	IA68 C1 F1 M2(1)	LOWER WING SURFACE	.000

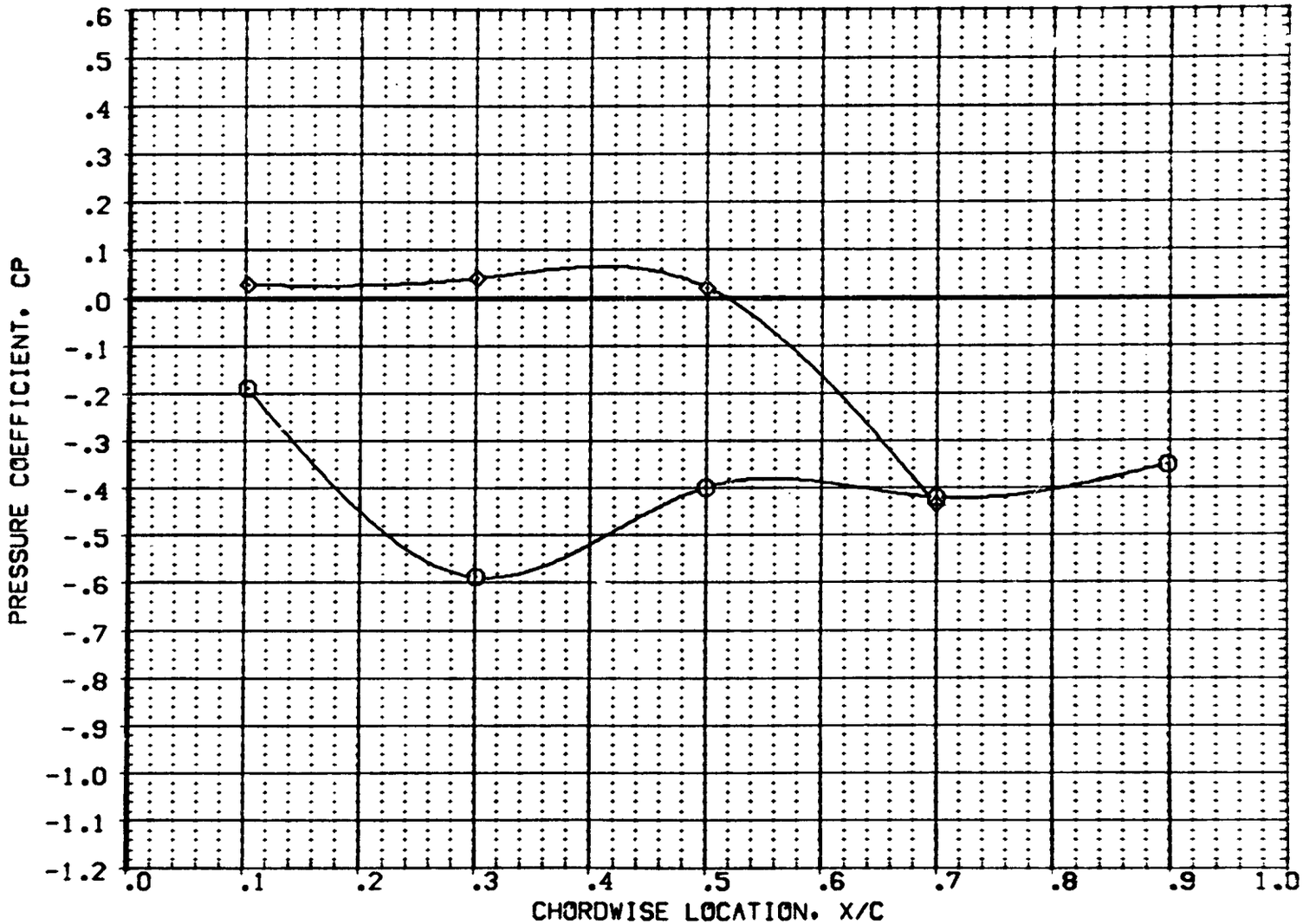

FIG 17 REPEATABILITY - WING CHORDWISE PRESSURE COEFFICIENT

MACH = .896 ALPHA = .000 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4UC6)	○	IA68	C1 F1 M2(1) UPPER WING SURFACE	.000
(RF4UI2)	◇	IA68	C1 F1 M2(1) UPPER WING SURFACE	.000
(RF4LC6)	▽	IA68	C1 F1 M2(1) LOWER WING SURFACE	.000
(RF4LI2)	△	IA68	C1 F1 M2(1) LOWER WING SURFACE	.000

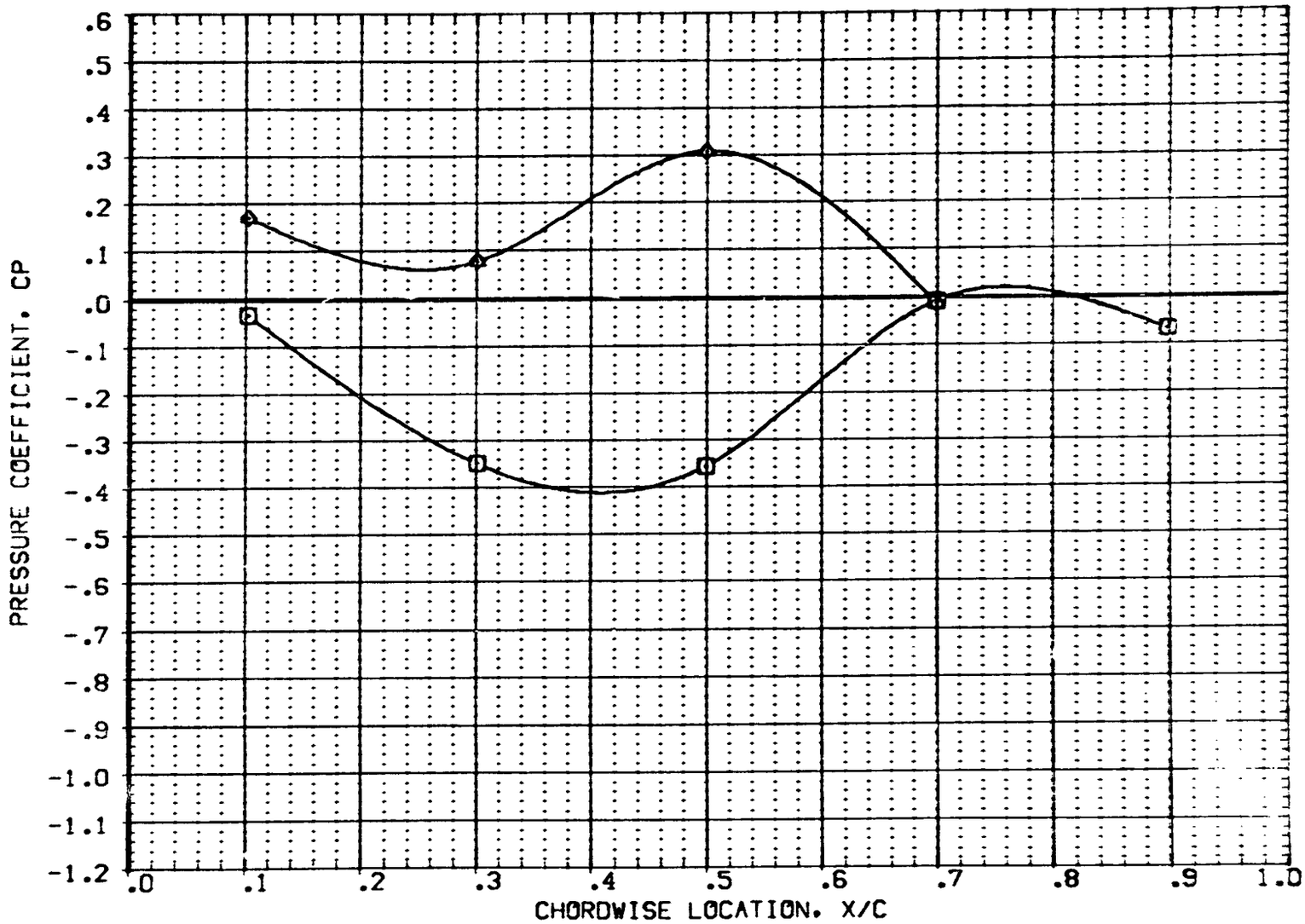

FIG 17 REPEATABILITY - WING CHORDWISE PRESSURE COEFFICIENT

MACH = 1.223 ALPHA = .000 2Y/B = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
[RF4UO6]	○	IA68 C1 F1 M2[1]	UPPER WING SURFACE	.000
[RF4UI2]		IA68 C1 F1 M2[1]	UPPER WING SURFACE	.000
[RF4LO6]	⊗	IA68 C1 F1 M2[1]	LOWER WING SURFACE	.000
[RF4LI2]		IA68 C1 F1 M2[1]	LOWER WING SURFACE	.000

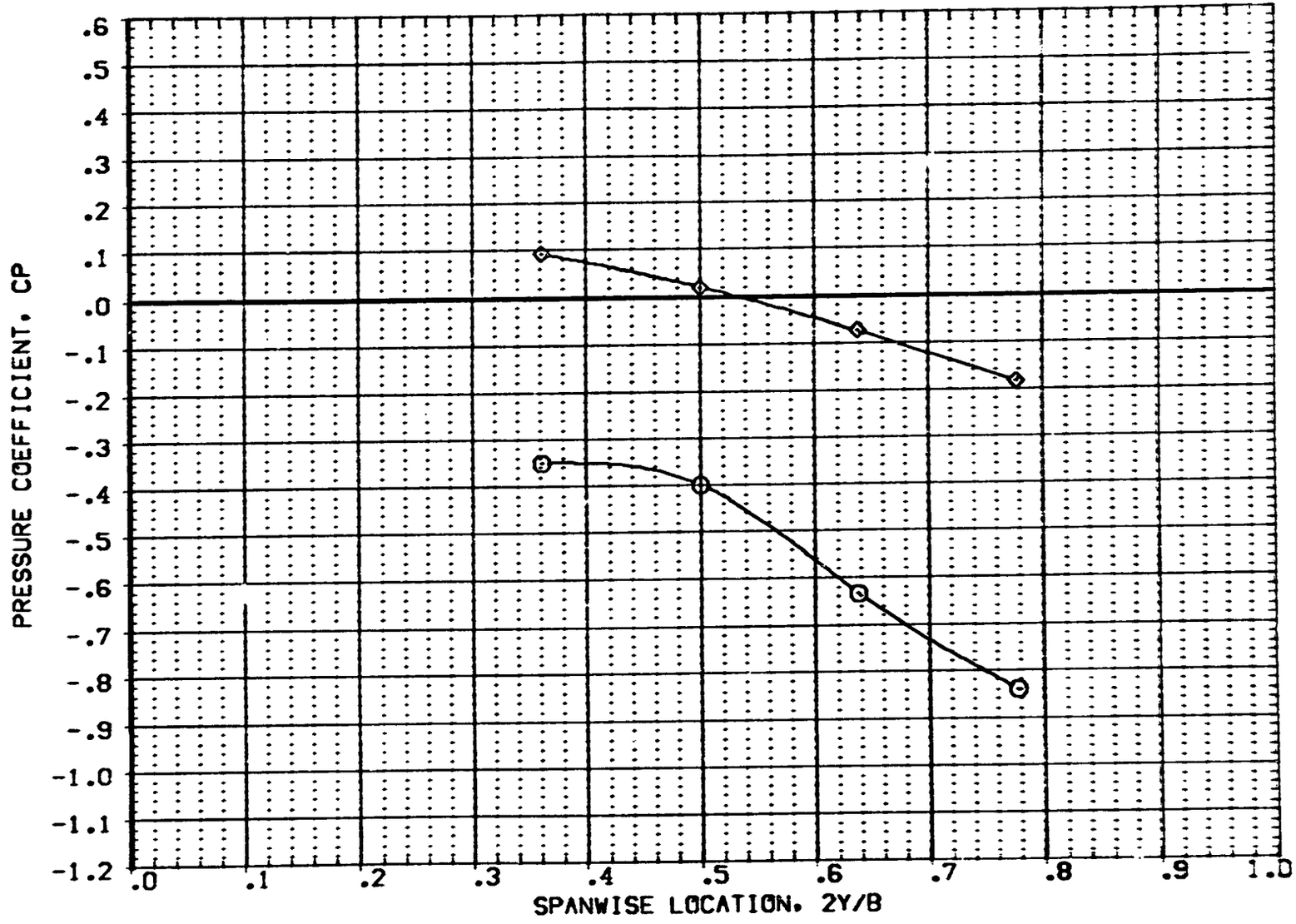

FIG 18 REPEATABILITY - WING SPANWISE PRESSURE COEFFICIENT

MACH = .896 ALPHA = .000 X/C = .500

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION		BETA
(RF4U06)	○	IA68 C1 F1 M2(1)	UPPER WING SURFACE	.000
(RF4U12)	◇	IA68 C1 F1 M2(1)	UPPER WING SURFACE	.000
(RF4L06)	⊠	IA68 C1 F1 M2(1)	LOWER WING SURFACE	.000
(RF4L12)	⊠	IA68 C1 F1 M2(1)	LOWER WING SURFACE	.000

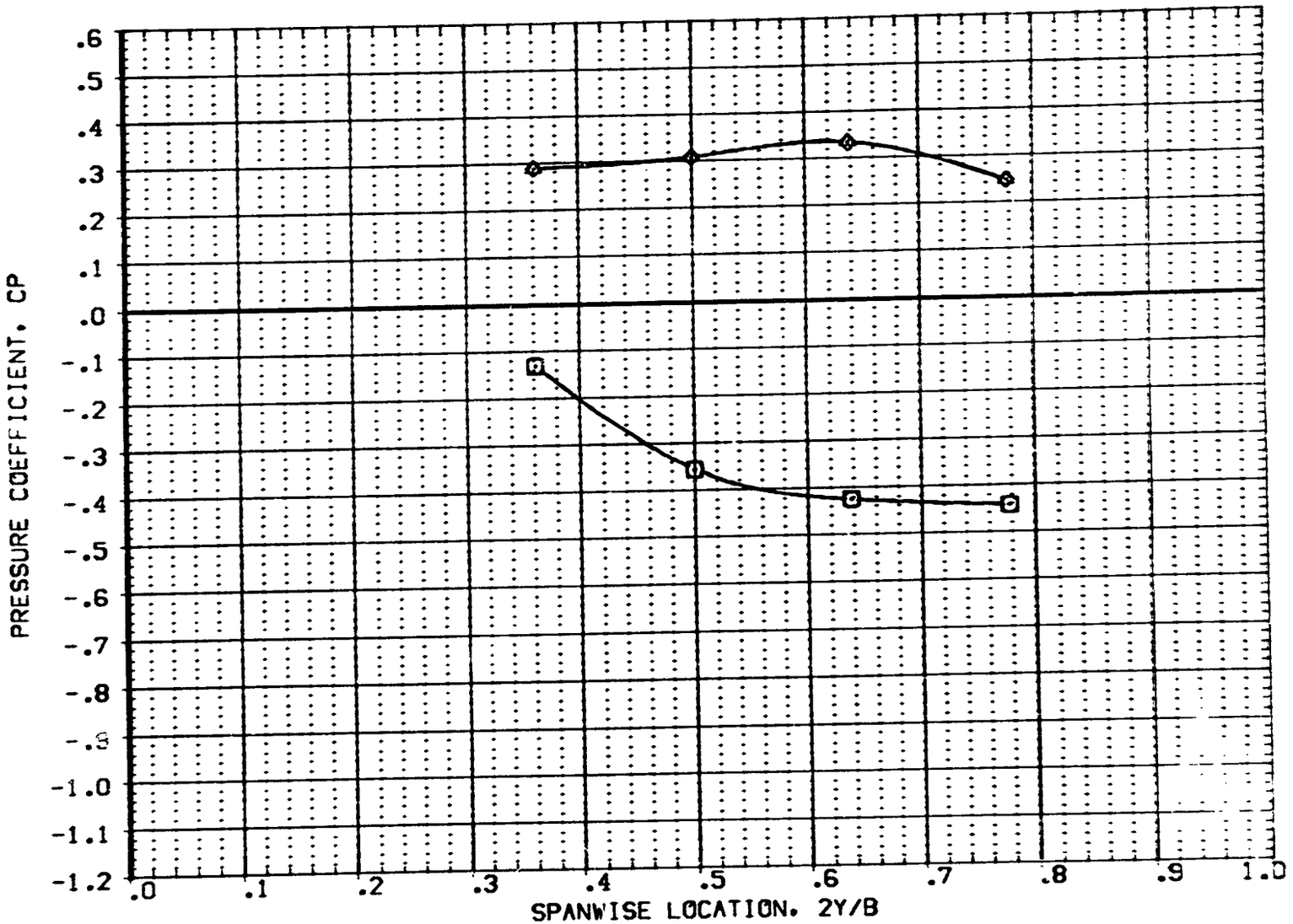

FIG 18 REPEATABILITY - WING SPANWISE PRESSURE COEFFICIENT

MACH = 1.223 ALPHA = .000 X/C = .500

DATA SET SYMBOL CONFIGURATION DESCRIPTION

[RF4B06]	IA68 CI FI M2[1]	BASE REGIONS
[RF4B12]	IA68 CI FI M2[1]	BASE REGIONS

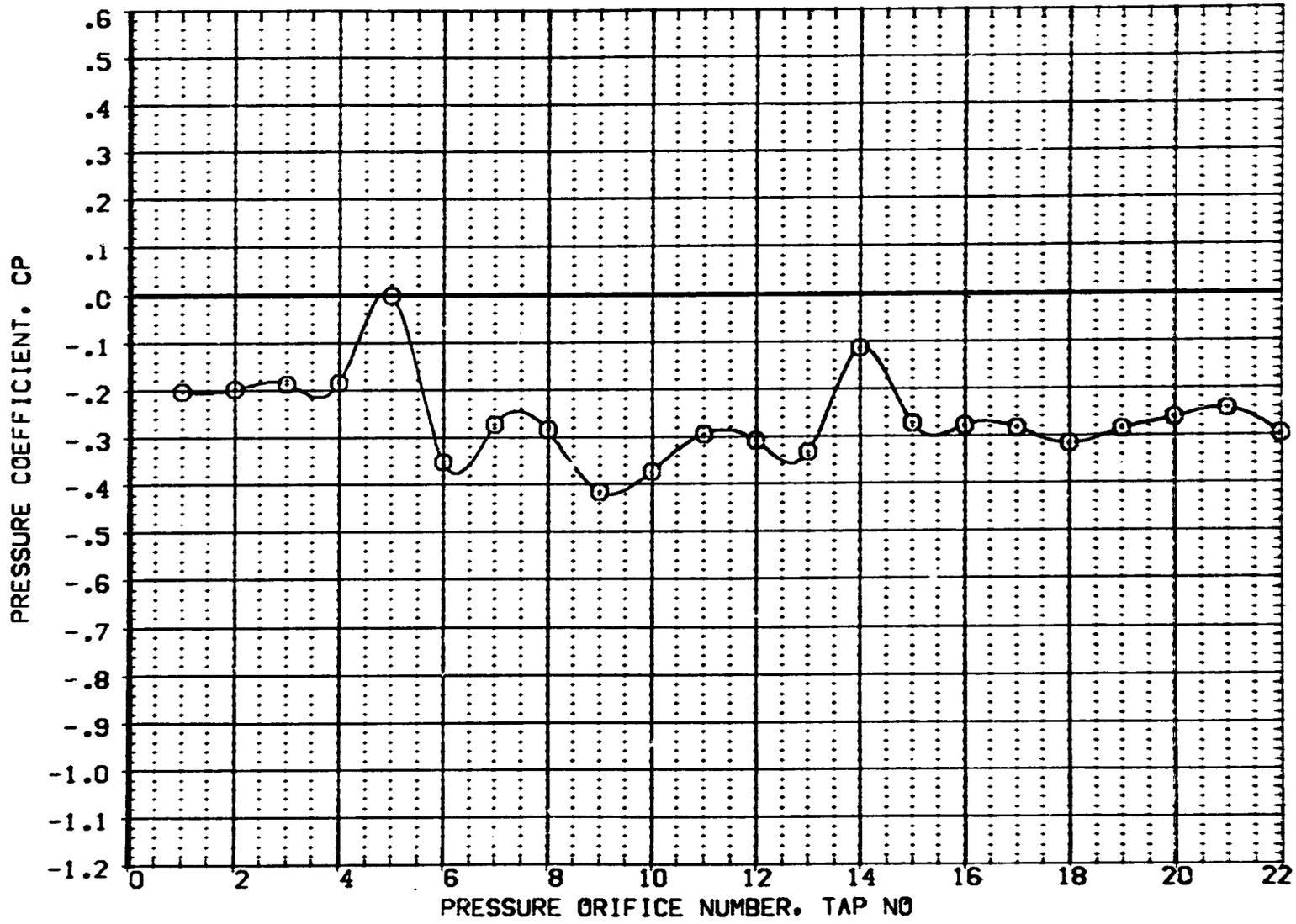

FIG 19 REPEATABILITY - BASE PRESSURES

MACH = .896 ALPHA = .000 X/L = 1.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RF4B06)	○	IA68	C1 F1 M2(1)	BASE REGIONS
(RF4B12)	—	IA68	C1 F1 M2(1)	BASE REGIONS

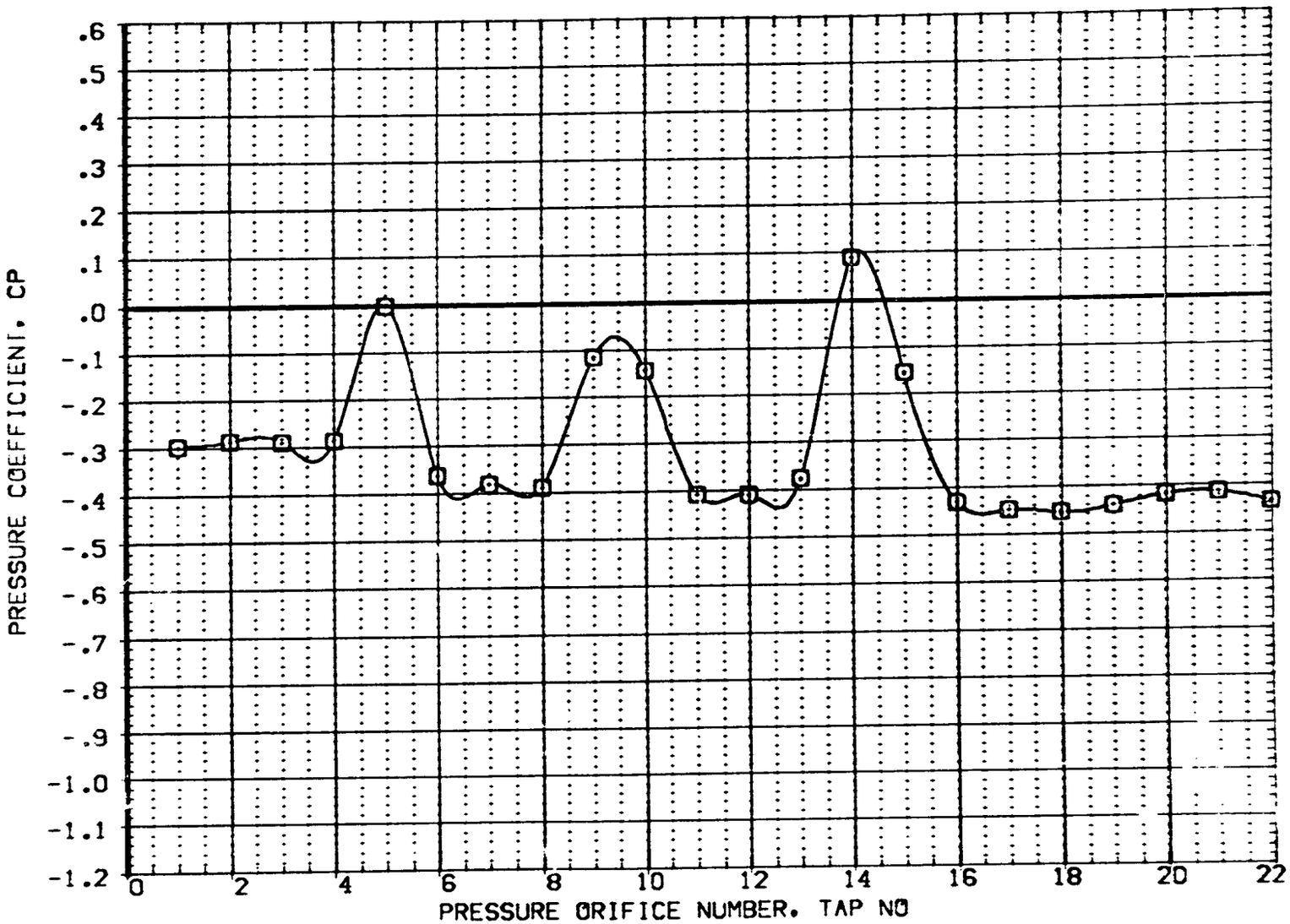

FIG 19 REPEATABILITY - BASE PRESSURES

MACH = 1.223 ALPHA = .000 X/L = 1.000

APPENDIX A

TABULATED SOURCE DATA - FORCE

Tabulations of plotted data are available on request from Data Management Services.

IA68 C1 F1 (RF4001) (07 MAY 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

RUN NO. 1/ 0 RN/L = 6.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
.863	.000	.02790	.05710	.02340
	GRADIENT	.00000	.00000	.00000

IA68 C1 F1 (RF4002) (07 MAY 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

RUN NO. 6/ 0 RN/L = 6.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
.896	-4.000	.03100	.06250	.02500
.896	-2.000	.02940	.05940	.02470
.896	-.090	.02900	.05780	.02350
.896	1.800	.02840	.05700	.02290
.896	3.670	.02830	.05690	.02370
	GRADIENT	-.00034	-.00071	-.00023

RUN NO. 7/ 0 RN/L = 7.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.211	-3.910	.04470	.05510	.03360
1.211	-1.830	.04270	.05350	.03220
1.211	.150	.04220	.05060	.03130
1.211	2.120	.04260	.04840	.02990
1.211	4.030	.04290	.04800	.03030
	GRADIENT	-.00019	-.00097	-.00045

RUN NO. 30/ 0 RN/L = 9.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.503	-3.890	.03980	.04240	.02690
1.503	-1.690	.03960	.03950	.02690
1.503	.120	.04020	.03710	.02660
1.503	2.010	.04060	.03570	.02660
1.503	3.950	.04060	.03560	.02670
	GRADIENT	.00013	-.00090	-.00004

RUN NO. 35/ 0 RN/L = 10.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.991	-3.770	.02890	.02920	.01880
1.991	-1.960	.02960	.02670	.01980
1.991	.020	.03160	.02210	.02030
1.991	2.050	.03370	.02090	.02000
1.991	4.050	.03380	.02060	.01960
	GRADIENT	.00071	-.00117	.00009

IA68 C1 F1 (RF4303) (07 MAT 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

RUN NO. 9/ 0 RN/L = 6.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABO	CABT	CABS
.899	-3.750	.03270	.06250	.02720
.899	-1.860	.03030	.05960	.02570
.899	.050	.02880	.05710	.02310
.899	1.970	.02920	.06150	.02170
.899	3.970	.03250	.06570	.02130
	GRADIENT	-.00007	.00044	-.00182

RUN NO. 8/ 0 RN/L = 7.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABO	CABT	CABS
1.211	-3.850	.04450	.05180	.03380
1.211	-1.900	.04270	.04990	.03230
1.211	.000	.04210	.05100	.03110
1.211	1.900	.04300	.05070	.02940
1.211	3.920	.04590	.05190	.02870
	GRADIENT	.00016	.00005	-.00068

RUN NO. 29/ 0 RN/L = 9.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABO	CABT	CABS
1.503	-3.910	.03820	.03320	.02800
1.503	-1.990	.03770	.03390	.02740
1.503	-.070	.03890	.03580	.02600
1.503	1.910	.03880	.03730	.02520
1.503	3.980	.04090	.03720	.02400
	GRADIENT	.00033	.00058	-.00052

RUN NO. 36/ 0 RN/L = 13.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABO	CABT	CABS
1.991	-3.830	.03300	.02350	.02130
1.991	-1.900	.03170	.02310	.02090
1.991	.050	.03190	.02250	.02030
1.991	2.020	.03400	.02280	.01950
1.991	3.890	.03380	.02410	.01810
	GRADIENT	.00020	.00006	-.00040

IA68 C1 F1 M1 (RF4004) (27 MAY 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

RUN NO. 13/ 0 RNVL = 6.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
.896	-3.870	.03170	.06560	.02420
.896	-2.000	.00000	.00000	.00000
.896	.000	.00000	.00000	.00000
.896	2.000	.00000	.00000	.00000
.896	304.000	.00000	.00000	.00000
	GRADIENT	-.00478	-.00990	-.00365

RUN NO. 12/ 0 RNVL = 7.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.211	-3.910	.04480	.05680	.03560
1.211	-1.930	.04350	.05470	.03410
1.211	.000	.04370	.05430	.03320
1.211	1.930	.04360	.05260	.03300
1.211	3.900	.04420	.05200	.03270
	GRADIENT	-.00006	-.00060	-.00035

RUN NO. 27/ 0 RNVL = 9.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.503	-3.960	.04040	.04240	.02730
1.503	-1.870	.03960	.03970	.02640
1.503	.070	.03970	.03940	.02590
1.503	1.990	.03940	.03790	.02590
1.503	3.930	.03890	.03780	.02590
	GRADIENT	-.00016	-.00066	-.00017

RUN NO. 38/ 0 RNVL = 13.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.991	-3.910	.03040	.02900	.02000
1.991	-2.000	.03260	.02640	.02060
1.991	-.020	.03480	.02430	.02090
1.991	1.910	.03490	.02350	.02040
1.991	3.850	.03460	.02330	.02010
	GRADIENT	.00065	-.00074	-.00001

(RF4035) (07 MAY 74)

IA68 C1 F1 M1

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

RUN NO. 10/ 0 RNVL = 6.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABC	CABT	CABS
.896	-3.860	.03360	.06780	.02650
.896	-1.880	.03030	.06630	.02540
.896	.030	.02870	.06120	.02160
.896	1.960	.02920	.06650	.02210
.896	3.910	.03290	.06970	.02150
	GRADIENT	-.00013	.00021	-.00069

RUN NO. 11/ 0 RNVL = 7.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABC	CABT	CABS
1.209	-3.860	.04520	.05240	.03470
1.209	-1.950	.04370	.05250	.03360
1.209	-.040	.04370	.05430	.03300
1.209	1.870	.04290	.05530	.03170
1.209	3.920	.04570	.05920	.03130
	GRADIENT	.00002	.00085	-.00045

RUN NO. 28/ 0 RNVL = 9.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABC	CABT	CASS
1.503	-3.970	.05100	.03800	.02690
1.503	-2.050	.05020	.03720	.02630
1.503	-.130	.05050	.03940	.02560
1.503	1.800	.05000	.04050	.02530
1.503	3.840	.05200	.04040	.02470
	GRADIENT	.00010	.00042	-.00028

RUN NO. 37/ 0 RNVL = 13.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABC	CABT	CABS
1.991	-3.790	.03610	.02300	.02130
1.991	-1.870	.03640	.02310	.02130
1.991	-.010	.03650	.02310	.02100
1.991	1.950	.03610	.02170	.01980
1.991	3.790	.03490	.02390	.01940
	GRADIENT	-.00014	.00002	-.00038

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TABULATED SOURCE DATA, R.I. TWT 261 - IA68

IA68 C1 F1 M2

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

RUN NO. 14/ 0 RNVL = 6.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA0	CA2T	CA2S
.896	.000	.02960	.06210	.02120
	GRADIENT	.00000	.00000	.00000

RUN NO. 15/ 0 RNVL = 7.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CA0	CA2T	CA2S
1.223	.000	.04470	.05650	.03275
	GRADIENT	.00000	.00000	.00000

IA68 C1 F1 M2(1)+FILLET (RF4U07) (07 MAY 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

RUN NO. 20/ 0 RNL = 6.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
.896	-3.870	.03370	.07170	.02460
.896	-1.920	.03110	.06430	.02520
.896	.000	.03000	.05720	.02400
.896	1.890	.03030	.05650	.02430
.896	3.790	.03110	.05850	.02570
	GRADIENT	-.00032	-.00179	.00007

RUN NO. 21/ 0 RNL = 7.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.206	-3.950	.04880	.05780	.03280
1.206	-2.000	.04520	.05510	.03250
1.206	-.070	.04360	.05220	.03200
1.206	1.870	.04360	.04830	.03030
1.206	3.850	.04440	.04690	.03090
	GRADIENT	-.00053	-.00147	-.00031

RUN NO. 32/ 0 RNL = 9.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.503	-3.850	.03860	.04410	.02760
1.503	-1.900	.03930	.04250	.02690
1.503	.010	.03910	.04020	.02680
1.503	1.940	.03900	.03780	.02590
1.503	3.810	.03810	.03460	.02590
	GRADIENT	-.00007	-.00124	-.00023

RUN NO. 33/ 0 RNL = 10.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.991	-4.080	.03220	.02440	.01860
1.991	-1.900	.03280	.02420	.01890
1.991	.100	.03330	.02280	.02030
1.991	2.120	.03390	.02280	.02000
1.991	4.070	.03330	.02240	.01950
	GRADIENT	.00016	-.00027	.00014

1A68 C1 F1 M2(1)+FILLET (RF4008) (07 MAY 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

RUN NO. 19/ 0 RN/L = 6.70 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABO	CABT	CABS
.896	-3.930	.03580	.06610	.02800
.896	-1.950	.03320	.06010	.02620
.896	-.030	.03050	.05700	.02390
.896	1.880	.02910	.06020	.02400
.896	3.810	.03040	.06440	.02220
	GRADIENT	-.00077	-.00018	-.00072

RUN NO. 18/ 0 RN/L = 7.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABO	CABT	CABS
1.210	-3.880	.04600	.04850	.03500
1.210	-1.830	.04310	.05130	.03330
1.210	.140	.04340	.05200	.03160
1.210	2.130	.04490	.05250	.03040
1.210	4.070	.04880	.05400	.02960
	GRADIENT	.00037	.00062	-.00069

RUN NO. 34/ 0 RN/L = 10.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABO	CABT	CABS
1.991	-3.800	.03280	.02420	.02160
1.991	-1.760	.03240	.02290	.02100
1.991	.210	.03320	.02260	.02040
1.991	2.160	.03490	.02300	.01930
1.991	4.060	.03520	.02460	.01810
	GRADIENT	.00037	.00004	-.00044

IA68 C1 F1 M3 M4 (RF40039) (07 MAY 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

RUN NO. 24/ 0 RN/L = 6.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
.896	-3.900	.02920	.06090	.02370
.896	-1.940	.02810	.05860	.02300
.896	.000	.02710	.05780	.02270
.896	1.910	.02680	.05880	.02210
.896	3.840	.02670	.06100	.02270
	GRADIENT	-.00033	.00002	-.00015

RUN NO. 25/ 0 RN/L = 7.20 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.209	-3.940	.04700	.05840	.03630
1.209	-1.960	.04540	.05490	.03510
1.209	-.030	.04570	.05320	.03400
1.209	1.900	.04590	.05160	.03380
1.209	3.880	.04650	.05100	.03380
	GRADIENT	-.00003	-.00093	-.00032

RUN NO. 26/ 0 RN/L = 9.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.503	-3.890	.05160	.04200	.02770
1.503	-1.820	.05140	.03860	.02680
1.503	.120	.05170	.03780	.02600
1.503	2.120	.05140	.03680	.02600
1.503	4.090	.05070	.03720	.02610
	GRADIENT	-.00009	-.00058	-.00020

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(RF4010) (07 MAY 74)

IA68 C1 F1 M3 M4

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

RUN NO. 23/ 0 RN/L = 6.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABO	CABT	CABS
.897	-3.920	.02870	.06250	.02700
.897	-1.970	.02800	.06310	.02580
.897	-.050	.02660	.05770	.02240
.897	1.830	.02740	.06360	.02230
.897	3.840	.02890	.06390	.02100
	GRADIENT	-.00001	.00017	-.00080

RUN NO. 22/ 0 RN/L = 7.40 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	CABO	CABT	CABS
1.210	-3.930	.04630	.05140	.03620
1.210	-2.070	.04580	.05200	.03490
1.210	-.130	.04570	.05340	.03380
1.210	1.620	.04510	.05280	.03260
1.210	3.780	.04680	.05450	.03160
	GRADIENT	.00002	.00037	-.00060

IA68 C1 F1 M1 (RF4011) (07 MAY 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

RUN NO. 31/ 0 RN/L = 9.60 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.503	-3.700	.04060	.04180	.02710
1.503	-1.790	.04120	.04300	.02710
1.503	.120	.04060	.04300	.02730
1.503	2.010	.04020	.04460	.02740
1.503	4.040	.04000	.04640	.02770
	GRADIENT	-.00011	.00056	.00008

RUN NO. 39/ 0 RN/L = 13.80 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.991	-3.860	.02920	.03150	.01970
1.991	-1.940	.03130	.02990	.02040
1.991	.000	.03500	.02690	.02080
1.991	1.960	.03720	.02560	.02020
1.991	3.910	.03640	.02400	.02020
	GRADIENT	.00104	-.00099	.00004

IA68 C1 F1 M2 (RF4012) (07 MAY 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

RUN NO. 16/ 0 RNVL = 7.30 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	CABO	CABT	CABS
1.223	.000	.04470	.05640	.03270
	GRADIENT	.00000	.00000	.00000

APPENDIX B

TABULATED SOURCE DATA - PRESSURE

Tabulations of plotted data are available on request from Data Management Services.

IA68 C1 F1 BASE REGIONS (RF4BG1) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1323.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .863 ALPHA (1) = .000 RN/L = 6.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1814
2.000	-.1769
3.000	-.1819
4.000	-.1810
5.000	.0283
6.000	-.3063
7.000	-.2895
8.000	-.3141
9.000	-.4342
10.000	-.3623
11.000	-.3181
12.000	-.3142
13.000	-.2967
14.000	-.1583
15.000	-.1576
16.000	-.3141
17.000	-.3087
18.000	-.3379
19.000	-.3165
20.000	-.3030
21.000	-.2782
22.000	-.3253

IA68 C1 F1 BASE REGIONS (RF4BU2) (18 APR 74)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000 BETA = .000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

MACH (1) = .896 ALPHA (1) = -4.000 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2066
2.000	-.2133
3.000	-.1986
4.000	-.1902
5.000	.0000
6.000	-.3870
7.000	-.2891
8.000	-.2993
9.000	-.4239
10.000	-.3626
11.000	-.3054
12.000	-.3157
13.000	-.3604
14.000	-.1340
15.000	-.1813
16.000	-.3432
17.000	-.3159
18.000	-.3553
19.000	-.3504
20.000	-.3274
21.000	-.3106
22.000	-.3458

MACH (1) = .896 ALPHA (2) = -2.000 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1964
2.000	-.1993
3.000	-.1880
4.000	-.1839
5.000	.0000
6.000	-.3532
7.000	-.2792
8.000	-.2937

IA68 C1 F1 BASE REGIONS (CF4SU2)

MACH (1) = .896 ALPHA (2) = -2.000

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
9.000	-.4012
10.000	-.3325
11.000	-.3018
12.000	-.3124
13.000	-.3300
14.000	-.1393
15.000	-.1548
16.000	-.3358
17.000	-.3142
18.000	-.3564
19.000	-.3420
20.000	-.3207
21.000	-.3003
22.000	-.3418

MACH (1) = .896 ALPHA (3) = -.090 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1924
2.000	-.1911
3.000	-.1857
4.000	-.1841
5.000	.0000
6.000	-.3267
7.000	-.2852
8.000	-.3050
9.000	-.3900
10.000	-.3176
11.000	-.3125
12.000	-.3159
13.000	-.3039
14.000	-.1350
15.000	-.1257
16.000	-.3165
17.000	-.3056
18.000	-.3387
19.000	-.3211
20.000	-.3035
21.000	-.2902
22.000	-.3254

IA68 C1 F1 BASE REGIONS (RF4E02)

MACH (1) = .896 ALPHA (4) = 1.800 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1859
2.000	-.1838
3.000	-.1822
4.000	-.1845
5.000	.0000
6.000	-.3291
7.000	-.2895
8.000	-.3102
9.000	-.3735
10.000	-.2977
11.000	-.3190
12.000	-.3205
13.000	-.3045
14.000	-.1347
15.000	-.0976
16.000	-.3058
17.000	-.3068
18.000	-.3312
19.000	-.3092
20.000	-.2936
21.000	-.2673
22.000	-.3190

MACH (1) = .896 ALPHA (5) = 3.670 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1835
2.000	-.1830
3.000	-.1822
4.000	-.1852
5.000	.0000
6.000	-.3332
7.000	-.2869
8.000	-.3097
9.000	-.3623
10.000	-.2978
11.000	-.3160
12.000	-.3218
13.000	-.3070
14.000	-.1295
15.000	-.1041

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IA68 C1 F1 BASE REGIONS (FREE2)

MACH (1) = .896 ALPHA (5) = 3.670

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3131
17.000	-.3217
18.000	-.3425
19.000	-.3130
20.000	-.3013
21.000	-.2737
22.000	-.3299

MACH (2) = 1.211 ALPHA (1) = -3.910 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2990
2.000	-.2854
3.000	-.2892
4.000	-.2859
5.000	.0000
6.000	-.3847
7.000	-.3960
8.000	-.4182
9.000	-.0994
10.000	-.0464
11.000	-.4239
12.000	-.4211
13.000	-.3896
14.000	.0841
15.000	-.0821
16.000	-.4499
17.000	-.4531
18.000	-.4625
19.000	-.4507
20.000	-.4393
21.000	-.4293
22.000	-.4497

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IA68 C1 F1 BASE REGIONS

MACH (2) = 1.211 ALPHA (2) = -1.830 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2833
2.000	-.2711
3.000	-.2777
4.000	-.2719
5.000	.0000
6.000	-.3641
7.000	-.3742
8.000	-.3897
9.000	-.0843
10.000	-.0709
11.000	-.4040
12.000	-.4058
13.000	-.3703
14.000	.0807
15.000	-.1171
16.000	-.4277
17.000	-.4379
18.000	-.4510
19.000	-.4318
20.000	-.4142
21.000	-.4102
22.000	-.4258

MACH (2) = 1.211 ALPHA (3) = .150 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2793
2.000	-.2688
3.000	-.2757
4.000	-.2675
5.000	.0000
6.000	-.3529
7.000	-.3624
8.000	-.3820
9.000	-.0837
10.000	-.0755
11.000	-.3967
12.000	-.3999
13.000	-.3594
14.000	.0800
15.000	-.0365

IA68 C1 F1 BASE REGIONS (RF4502)

MACH (2) = 1.211 ALPHA (3) = .150

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L .0000

TAP NO	
16.000	-.4132
17.000	-.4252
18.000	-.4413
19.000	-.4209
20.000	-.3970
21.000	-.3936
22.000	-.4143

MACH (2) = 1.211 ALPHA (4) = 2.120 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2765
2.000	-.2726
3.000	-.2800
4.000	-.2700
5.000	.0000
6.000	-.3523
7.000	-.3579
8.000	-.3900
9.000	-.0685
10.000	-.0293
11.000	-.4002
12.000	-.4010
13.000	-.3585
14.000	.0605
15.000	.0314
16.000	-.3915
17.000	-.4089
18.000	-.4184
19.000	-.4030
20.000	-.3779
21.000	-.3789
22.000	-.3967

IA68 C1 F1 BASE REGIONS (RF4B02)

MACH (2) = 1.211 ALPHA (5) = 4.030 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

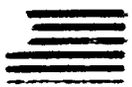
TAP NO	
1.000	-.2763
2.000	-.2740
3.000	-.2833
4.000	-.2708
5.000	.0000
6.000	-.3425
7.000	-.3485
8.000	-.3839
9.000	-.0608
10.000	-.0265
11.000	-.3947
12.000	-.3946
13.000	-.3507
14.000	.0576
15.000	.0088
16.000	-.3971
17.000	-.4158
18.000	-.4200
19.000	-.4103
20.000	-.3887
21.000	-.3858
22.000	-.4019

MACH (3) = 1.503 ALPHA (1) = -3.890 RN/L = 9.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2740
2.000	-.2567
3.000	-.2549
4.000	-.2497
5.000	.0000
6.000	-.3097
7.000	-.3161
8.000	-.3284
9.000	-.0434
10.000	-.0421
11.000	-.3355
12.000	-.3388
13.000	-.3087
14.000	.0940
15.000	-.0546



IA68 C1 F1 BASE REGIONS (RF4B02)

MACH (3) = 1.503 ALPHA (1) = -3.890

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3517
17.000	-.3782
18.000	-.3698
19.000	-.3550
20.000	-.3409
21.000	-.3471
22.000	-.3550

MACH (3) = 1.503 ALPHA (2) = -1.690 RN/L = 9.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2676
2.000	-.2504
3.000	-.2551
4.000	-.2555
5.000	.0000
6.000	-.2974
7.000	-.3058
8.000	-.3244
9.000	-.0353
10.000	-.0334
11.000	-.3225
12.000	-.3256
13.000	-.2975
14.000	.0979
15.000	-.0032
16.000	-.3563
17.000	-.3721
18.000	-.3705
19.000	-.3564
20.000	-.3479
21.000	-.3490
22.000	-.3538

IA68 C1 F1 BASE REGIONS (RF4802)

MACH (3) = 1.503 ALPHA (3) = .120 RN/L = 9.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2667
2.000	-.2484
3.000	-.2619
4.000	-.2613
5.000	.0000
6.000	-.2916
7.000	-.2992
8.000	-.3162
9.000	-.0264
10.000	-.0417
11.000	-.3177
12.000	-.3240
13.000	-.2921
14.000	.1330
15.000	.0405
16.000	-.3527
17.000	-.3641
18.000	-.3687
19.000	-.3546
20.000	-.3432
21.000	-.3414
22.000	-.3521

MACH (3) = 1.503 ALPHA (4) = 2.010 RN/L = 9.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2668
2.000	-.2500
3.000	-.2669
4.000	-.2608
5.000	.0000
6.000	-.2877
7.000	-.2922
8.000	-.3087
9.000	-.0271
10.000	-.0133
11.000	-.3193
12.000	-.3174
13.000	-.2835
14.000	.1650
15.000	.0111

MACH (3) = 1.503 ALPHA (4) = 2.010

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3484
17.000	-.3660
18.000	-.3696
19.000	-.3527
20.000	-.3402
21.000	-.3429
22.000	-.3525

MACH (3) = 1.503 ALPHA (5) = 3.950 RN/L = 9.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2630
2.000	-.2533
3.000	-.2677
4.000	-.2618
5.000	.0000
6.000	-.2820
7.000	-.2922
8.000	-.3057
9.000	-.0237
10.000	-.0165
11.000	-.3222
12.000	-.3213
13.000	-.2819
14.000	.1955
15.000	-.0160
16.000	-.3476
17.000	-.3695
18.000	-.3727
19.000	-.3544
20.000	-.3418
21.000	-.3432
22.000	-.3507

IA68 C1 F1 BASE REGIONS (RF4E02)

MACH (4) = 1.991 ALPHA (1) = -3.770 RN/L = 10.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

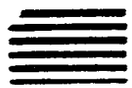
TAP NO	
1.000	-.1955
2.000	-.1843
3.000	-.1851
4.000	-.1862
5.000	.0000
6.000	-.2233
7.000	-.2309
8.000	-.2368
9.000	-.0120
10.000	-.0173
11.000	-.2430
12.000	-.2529
13.000	-.2236
14.000	.0874
15.000	-.0058
16.000	-.2472
17.000	-.2597
18.000	-.2609
19.000	-.2481
20.000	-.2434
21.000	-.2431
22.000	-.2461

MACH (4) = 1.991 ALPHA (2) = -1.960 RN/L = 10.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1971
2.000	-.1839
3.000	-.1923
4.000	-.1919
5.000	.0000
6.000	-.2150
7.000	-.2221
8.000	-.2340
9.000	-.0106
10.000	-.0150
11.000	-.2327
12.000	-.2401
13.000	-.2136
14.000	.1113
15.000	.0203



IA68 C1 F1 BASE REGIONS (RF4E002)

MACH (4) = 1.991 ALPHA (2) = -1.960

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2555
17.000	-.2824
18.000	-.2762
19.000	-.2559
20.000	-.2527
21.000	-.2489
22.000	-.2536

MACH (4) = 1.991 ALPHA (3) = .020 RN/L = 10.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2084
2.000	-.1979
3.000	-.2061
4.000	-.2052
5.000	.0000
6.000	-.2057
7.000	-.2123
8.000	-.2240
9.000	-.0059
10.000	.0041
11.000	-.2169
12.000	-.2269
13.000	-.2057
14.000	.1479
15.000	.0990
16.000	-.2550
17.000	-.2966
18.000	-.2874
19.000	-.2573
20.000	-.2552
21.000	-.2515
22.000	-.2570

IA68 C1 F1 BASE REGIONS (RF4E02)

MACH (4) = 1.991 ALPHA (4) = 2.050 RN/L = 10.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

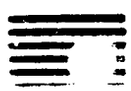
TAP NO	
1.000	-.2219
2.000	-.2144
3.000	-.2187
4.000	-.2182
5.000	.0000
6.000	-.2055
7.000	-.2050
8.000	-.2198
9.000	-.0052
10.000	.0169
11.000	-.2103
12.000	-.2231
13.000	-.2063
14.000	.1868
15.000	.0798
16.000	-.2531
17.000	-.2904
18.000	-.2819
19.000	-.2564
20.000	-.2502
21.000	-.2477
22.000	-.2545

MACH (4) = 1.991 ALPHA (5) = 4.050 RN/L = 10.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2200
2.000	-.2136
3.000	-.2198
4.000	-.2196
5.000	.0000
6.000	-.1983
7.000	-.2008
8.000	-.2132
9.000	-.0075
10.000	.0259
11.000	-.2169
12.000	-.2253
13.000	-.1964
14.000	.2053
15.000	.0637



IA68 C1 F1 BASE REGIONS (RF4802)

MACH (4) = 1.991 ALPHA (5) = 4.050

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0020

TAP NO	
5.000	-.2514
17.000	-.2826
18.000	-.2772
19.000	-.2534
20.000	-.2443
21.000	-.2447
22.000	-.2522

IA68 C1 F1 BASE REGIONS (RF4803) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .899 BETA (1) = -3.750 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

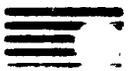
TAP NO	
1.000	-.2193
2.000	-.2169
3.000	-.2139
4.000	-.1989
5.000	.0000
6.000	-.3164
7.000	-.3314
8.000	-.3588
9.000	-.3982
10.000	-.3350
11.000	-.3524
12.000	-.3434
13.000	-.3142
14.000	-.0275
15.000	-.2506
16.000	-.3790
17.000	-.3360
18.000	-.3838
19.000	-.3774
20.000	-.3684
21.000	-.3398
22.000	-.3809

MACH (1) = .899 BETA (2) = -1.860 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1992
2.000	-.1994
3.000	-.1968
4.000	-.1895
5.000	.0000
6.000	-.3218
7.000	-.3146
8.000	-.3375



IA68 C1 F1 BASE REGIONS 42533

MACH (1) = .899 BETA (2) = -1.860

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
9.000	-.3904
10.000	-.3198
11.000	-.3361
12.000	-.3330
13.000	-.3135
14.000	-.0794
15.000	-.1521
16.000	-.3545
17.000	-.3270
18.000	-.3666
19.000	-.3538
20.000	-.3438
21.000	-.3146
22.000	-.3591

MACH (1) = .899 BETA (3) = .050 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1915
2.000	-.1921
3.000	-.1845
4.000	-.1327
5.000	.0000
6.000	-.3352
7.000	-.2774
8.000	-.2952
9.000	-.3852
10.000	-.3109
11.000	-.3039
12.000	-.3123
13.000	-.3127
14.000	-.1409
15.000	-.1131
16.000	-.3099
17.000	-.3040
18.000	-.3346
19.000	-.3156
20.000	-.2954
21.000	-.2727
22.000	-.3215

IA68 C1 F1 BASE REGIONS (RF4B03)

MACH (1) = .899 BETA (4) = 1.970 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1951
2.000	-.1927
3.000	-.1875
4.000	-.1849
5.000	.0000
6.000	-.3541
7.000	-.2823
8.000	-.2933
9.000	-.3891
10.000	-.3183
11.000	-.3154
12.000	-.3424
13.000	-.3617
14.000	-.2005
15.000	-.1209
16.000	-.2819
17.000	-.2965
18.000	-.3171
19.000	-.2914
20.000	-.2679
21.000	-.2489
22.000	-.3011

MACH (1) = .699 BETA (5) = 3.970 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2217
2.000	-.2215
3.000	-.2031
4.000	-.2043
5.000	.0000
6.000	-.3255
7.000	-.3245
8.000	-.3454
9.000	-.3995
10.000	-.3254
11.000	-.3577
12.000	-.3648
13.000	-.3802
14.000	-.2060
15.000	-.1255

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68 (F4BCD)

IA68 C1 F1 BASE REGIONS

MACH (1) = .899 BETA (5) = 3.970

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2761
17.000	-.2924
18.000	-.3139
19.000	-.2864
20.000	-.2600
21.000	-.2386
22.000	-.2987

MACH (2) = 1.211 BETA (1) = -3.850 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2937
2.000	-.2895
3.000	-.2949
4.000	-.2707
5.000	.0000
6.000	-.3530
7.000	-.3791
8.000	-.3989
9.000	-.0932
10.000	-.0781
11.000	-.4011
12.000	-.3993
13.000	-.3602
14.000	.1470
15.000	-.1170
16.000	-.4473
17.000	-.4614
18.000	-.4704
19.000	-.4546
20.000	-.4306
21.000	-.4291
22.000	-.4499

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 231 - IA68

IA68 C1 F1 BASE REGIONS (T4823)

MACH (2) = 1.211 BETA (2) = -1.900 RNVL = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

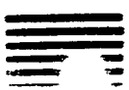
TAP NO	
1.000	-.2789
2.000	-.2760
3.000	-.2810
4.000	-.2657
5.000	.0000
6.000	-.3450
7.000	-.3660
8.000	-.3792
9.000	-.0776
10.000	-.0785
11.000	-.3965
12.000	-.3926
13.000	-.3515
14.000	.1529
15.000	-.1032
16.000	-.4274
17.000	-.4420
18.000	-.4507
19.000	-.4360
20.000	-.4111
21.000	-.4115
22.000	-.4287

MACH (2) = 1.211 BETA (3) = .000 RNVL = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2779
2.000	-.2683
3.000	-.2747
4.000	-.2677
5.000	.0000
6.000	-.3515
7.000	-.3625
8.000	-.3825
9.000	-.0852
10.000	-.0785
11.000	-.3996
12.000	-.4009
13.000	-.3593
14.000	.0829
15.000	-.0501



IA68 C1 F1 BASE REGIONS (RF4803)

MACH (2) = 1.211 BETA (3) = .000

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.4098
17.000	-.4225
18.000	-.4392
19.000	-.4186
20.000	-.3940
21.000	-.3906
22.000	-.4114

MACH (2) = 1.211 BETA (4) = 1.900 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2933
2.000	-.2895
3.000	-.2749
4.000	-.2630
5.000	.0000
6.000	-.3464
7.000	-.3648
8.000	-.3780
9.000	-.0820
10.000	-.0689
11.000	-.3834
12.000	-.3750
13.000	-.3766
14.000	.0308
15.000	-.0291
16.000	-.3852
17.000	-.4003
18.000	-.4189
19.000	-.3968
20.000	-.3703
21.000	-.3705
22.000	-.3850

IA68 C1 F1 BASE REGIONS (RF4B03)

MACH (2) = 1.211 BETA (5) = 3.920 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3184
2.000	-.3156
3.000	-.2898
4.000	-.2787
5.000	.0000
6.000	-.3482
7.000	-.3644
8.000	-.3874
9.000	-.0881
10.000	-.0683
11.000	-.3915
12.000	-.3903
13.000	-.3938
14.000	.0424
15.000	-.0345
16.000	-.3750
17.000	-.3916
18.000	-.4084
19.000	-.3902
20.000	-.3612
21.000	-.3559
22.000	-.3812

MACH (3) = 1.503 BETA (1) = -3.910 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2503
2.000	-.2370
3.000	-.2541
4.000	-.2400
5.000	.0000
6.000	-.2829
7.000	-.2972
8.000	-.3048
9.000	-.0389
10.000	-.0304
11.000	-.3180
12.000	-.3170
13.000	-.2800
14.000	.2301
15.000	.0651

IA68 C1 F1 BASE REGIONS (RF4803)

MACH (3) = 1.503 BETA (1) = -3.910

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3692
17.000	-.3868
18.000	-.3904
19.000	-.3691
20.000	-.3601
21.000	-.3606
22.000	-.3673

MACH (3) = 1.503 BETA (2) = -1.980 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2521
2.000	-.2329
3.000	-.2469
4.000	-.2413
5.000	.0000
6.000	-.2770
7.000	-.2922
8.000	-.3017
9.000	-.0234
10.000	-.0372
11.000	-.3179
12.000	-.3220
13.000	-.2775
14.000	.1968
15.000	.0637
16.000	-.3625
17.000	-.3780
18.000	-.3806
19.000	-.3637
20.000	-.3533
21.000	-.3537
22.000	-.3619

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68 (RF4803)

IA68 C1 F1 BASE REGIONS

MACH (3) = 1.503 BETA (3) = -.070 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2592
2.000	-.2409
3.000	-.2530
4.000	-.2525
5.000	.0000
6.000	-.2828
7.000	-.2925
8.000	-.3062
9.000	-.0197
10.000	-.0357
11.000	-.3141
12.000	-.3196
13.000	-.2853
14.000	.1388
15.000	.0435
16.000	-.3459
17.000	-.3574
18.000	-.3609
19.000	-.3477
20.000	-.3344
21.000	-.3345
22.000	-.3452

MACH (3) = 1.503 BETA (4) = 1.910 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2613
2.000	-.2542
3.000	-.2461
4.000	-.2513
5.000	.0000
6.000	-.2876
7.000	-.2918
8.000	-.3018
9.000	-.0219
10.000	-.0294
11.000	-.3080
12.000	-.3140
13.000	-.3078
14.000	.0994
15.000	.0264

MACH (3) = 1.503 BETA (4) = 1.910

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3328
17.000	-.3428
18.000	-.3595
19.000	-.3341
20.000	-.3235
21.000	-.3191
22.000	-.3309

MACH (3) = 1.503 BETA (5) = 3.980 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2775
2.000	-.2721
3.000	-.2577
4.000	-.2603
5.000	.0000
6.000	-.2822
7.000	-.2925
8.000	-.3060
9.000	-.0394
10.000	-.0321
11.000	-.3044
12.000	-.3125
13.000	-.3043
14.000	.1331
15.000	-.0033
16.000	-.3146
17.000	-.3293
18.000	-.3407
19.000	-.3208
20.000	-.3020
21.000	-.3042
22.000	-.3143

IA68 C1 F1 BASE REGIONS (RF4803)

MACH (4) = 1.991 BETA (1) = -3.830 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2200
2.000	-.2246
3.000	-.2085
4.000	-.2144
5.000	.0000
6.000	-.2122
7.000	-.2177
8.000	-.2252
9.000	-.0252
10.000	-.0291
11.000	-.2254
12.000	-.2329
13.000	-.2143
14.000	.1847
15.000	.0818
16.000	-.2773
17.000	-.3044
18.000	-.2941
19.000	-.2778
20.000	-.2723
21.000	-.2666
22.000	-.2756

MACH (4) = 1.991 BETA (2) = -1.900 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2079
2.000	-.2032
3.000	-.2032
4.000	-.2078
5.000	.0000
6.000	-.2043
7.000	-.2100
8.000	-.2192
9.000	-.0163
10.000	-.0158
11.000	-.2188
12.000	-.2353
13.000	-.2045
14.000	.1978
15.000	.0328

IA68 C1 F1 BASE REGIONS (RF45D3)

MACH (4) = 1.991 BETA (2) = -1.900

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2694
17.000	-.3005
18.000	-.2917
19.000	-.2703
20.000	-.2676
21.000	-.2612
22.000	-.2700

MACH (4) = 1.991 BETA (3) = .050 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2116
2.000	-.1982
3.000	-.2066
4.000	-.2079
5.000	.0000
6.000	-.2045
7.000	-.2121
8.000	-.2227
9.000	-.0082
10.000	.0029
11.000	-.2178
12.000	-.2276
13.000	-.2032
14.000	.1466
15.000	.0837
16.000	-.2561
17.000	-.2976
18.000	-.2885
19.000	-.2593
20.000	-.2554
21.000	-.2524
22.000	-.2577

IA68 C1 F1 BASE REGIONS (RF4803)

MACH (4) = 1.991 BETA (4) = 2.020 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2263
2.000	-.2165
3.000	-.2187
4.000	-.2194
5.000	.0000
6.000	-.2143
7.000	-.2145
8.000	-.2223
9.000	-.0112
10.000	.0037
11.000	-.2261
12.000	-.2311
13.000	-.2223
14.000	.1356
15.000	.1248
16.000	-.2446
17.000	-.2859
18.000	-.2782
19.000	-.2465
20.000	-.2442
21.000	-.2409
22.000	-.2467

MACH (4) = 1.991 BETA (5) = 3.890 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2310
2.000	-.2099
3.000	-.2165
4.000	-.2206
5.000	.0000
6.000	-.2287
7.000	-.2202
8.000	-.2231
9.000	-.0210
10.000	-.0033
11.000	-.2238
12.000	-.2254
13.000	-.2259
14.000	.1138
15.000	.1093

IA68 C1 F1 BASE REGIONS (RF4BC3)

MACH (4) = 1.991 BETA (5) = 3.890

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2323
17.000	-.2606
18.000	-.2588
19.000	-.2309
20.000	-.2304
21.000	-.2240
22.000	-.2318

IA68 C1 F1 M1(1) BASE REGIONS (RF4E04) (16 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .896 ALPHA (1) = -3.870 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2115
2.000	-.2130
3.000	-.2041
4.000	-.1965
5.000	.0000
6.000	-.3973
7.000	-.3008
8.000	-.3153
9.000	-.4134
10.000	-.3761
11.000	-.3208
12.000	-.3244
13.000	-.3686
14.000	-.1414
15.000	-.2342
16.000	-.3340
17.000	-.3086
18.000	-.3351
19.000	-.3404
20.000	-.3185
21.000	-.3060
22.000	-.3380

MACH (1) = .896 ALPHA (2) = -2.000 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	.0000
2.000	.0000
3.000	.0000
4.000	.0000
5.000	.0000
6.000	.0000
7.000	.0000
8.000	.0000

IA68 C1 F1 M1(1) BASE REGIONS (RF4EDA)

MACH (1) = .896 ALPHA (2) = -2.000

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
9.000	.0000
10.000	.0000
11.000	.0000
12.000	.0000
13.000	.0000
14.000	.0000
15.000	.0000
16.000	.0000
17.000	.0000
18.000	.0000
19.000	.0000
20.000	.0000
21.000	.0000
22.000	.0000

MACH (1) = .896 ALPHA (3) = .000 RNVL = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	.0000
2.000	.0000
3.000	.0000
4.000	.0000
5.000	.0000
6.000	.0000
7.000	.0000
8.000	.0000
9.000	.0000
10.000	.0000
11.000	.0000
12.000	.0000
13.000	.0000
14.000	.0000
15.000	.0000
16.000	.0000
17.000	.0000
18.000	.0000
19.000	.0000
20.000	.0000
21.000	.0000
22.000	.0000

IA68 C1 F1 M1(1) BASE REGIONS

MACH (1) = .896 ALPHA (4) = 2.000 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	.0000
2.000	.0000
3.000	.0000
4.000	.0000
5.000	.0000
6.000	.0000
7.000	.0000
8.000	.0000
9.000	.0000
10.000	.0000
11.000	.0000
12.000	.0000
13.000	.0000
14.000	.0000
15.000	.0000
16.000	.0000
17.000	.0000
18.000	.0000
19.000	.0000
20.000	.0000
21.000	.0000
22.000	.0000

MACH (1) = .896 ALPHA (5) = 304.000 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	.0000
2.000	.0000
3.000	.0000
4.000	.0000
5.000	.0000
6.000	.0000
7.000	.0000
8.000	.0000
9.000	.0000
10.000	.0000
11.000	.0000
12.000	.0000
13.000	.0000
14.000	.0000
15.000	.0000

IA68 C1 F1 M1(1) BASE REGIONS

MACH (1) = .896 ALPHA (5) = 304.000

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	.0000
17.000	.0000
18.000	.0000
19.000	.0000
20.000	.0000
21.000	.0000
22.000	.0000

MACH (2) = 1.211 ALPHA (1) = -3.910 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2929
2.000	-.2842
3.000	-.2930
4.000	-.2873
5.000	.0000
6.000	-.3803
7.000	-.3923
8.000	-.4079
9.000	-.1181
10.000	-.1438
11.000	-.4216
12.000	-.4202
13.000	-.3861
14.000	.0994
15.000	-.0967
16.000	-.4731
17.000	-.4807
18.000	-.5032
19.000	-.4776
20.000	-.4605
21.000	-.4518
22.000	-.4694

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M1(1) BASE REGIONS (REFERENCE)

MACH (2) = 1.211 ALPHA (2) = -1.930 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2827
2.000	-.2756
3.000	-.2863
4.000	-.2773
5.000	.0000
6.000	-.3595
7.000	-.3723
8.000	-.3804
9.000	-.0969
10.000	-.1573
11.000	-.3984
12.000	-.4011
13.000	-.3655
14.000	.0939
15.000	-.1195
16.000	-.4491
17.000	-.4644
18.000	-.4836
19.000	-.4547
20.000	-.4375
21.000	-.4306
22.000	-.4468

MACH (2) = 1.211 ALPHA (3) = .000 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2811
2.000	-.2760
3.000	-.2904
4.000	-.2777
5.000	.0000
6.000	-.3536
7.000	-.3670
8.000	-.3765
9.000	-.0550
10.000	-.1028
11.000	-.4053
12.000	-.4092
13.000	-.3640
14.000	.0728
15.000	-.1528

IA68 C1 F1 M1(1) BASE REGIONS (RF4E1d)

MACH (2) = 1.211 ALPHA (3) = .000

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.4388
17.000	-.4529
18.000	-.4652
19.000	-.4451
20.000	-.4230
21.000	-.4242
22.000	-.4370

MACH (2) = 1.211 ALPHA (4) = 1.930 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2797
2.000	-.2765
3.000	-.2898
4.000	-.2765
5.000	.0000
6.000	-.3438
7.000	-.3569
8.000	-.3653
9.000	-.0188
10.000	-.0870
11.000	-.3933
12.000	-.4005
13.000	-.3534
14.000	.0690
15.000	-.1672
16.000	-.4364
17.000	-.4497
18.000	-.4596
19.000	-.4441
20.000	-.4199
21.000	-.4215
22.000	-.4360

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M1(1) BASE REGIONS (RF4E54)

MACH (2) = 1.211 ALPHA (5) = 3.900 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2841
2.000	-.2797
3.000	-.2933
4.000	-.2796
5.000	.0000
6.000	-.3406
7.000	-.3482
8.000	-.3626
9.000	.0032
10.000	-.0566
11.000	-.3848
12.000	-.3978
13.000	-.3542
14.000	.0598
15.000	-.1943
16.000	-.4318
17.000	-.4480
18.000	-.4543
19.000	-.4432
20.000	-.4176
21.000	-.4150
22.000	-.4361

MACH (3) = 1.503 ALPHA (1) = -3.960 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2820
2.000	-.2655
3.000	-.2551
4.000	-.2526
5.000	.0000
6.000	-.3098
7.000	-.3228
8.000	-.3284
9.000	-.0527
10.000	-.1113
11.000	-.3340
12.000	-.3400
13.000	-.3090
14.000	.1144
15.000	.0057

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M1(1) BASE REGIONS (RF45354)

MACH (3) = 1.503 ALPHA (1) = -3.960

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3621
17.000	-.3775
18.000	-.3735
19.000	-.3609
20.000	-.3573
21.000	-.3576
22.000	-.3592

MACH (3) = 1.503 ALPHA (2) = -1.870 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2720
2.000	-.2532
3.000	-.2519
4.000	-.2537
5.000	.0000
6.000	-.2985
7.000	-.3066
8.000	-.3192
9.000	-.0347
10.000	-.1149
11.000	-.3256
12.000	-.3274
13.000	-.2964
14.000	.1250
15.000	.0427
16.000	-.3510
17.000	-.3620
18.000	-.3653
19.000	-.3509
20.000	-.3425
21.000	-.3449
22.000	-.3476

IA68 C1 F1 M1(1) BASE REGIONS (RF4E04)

MACH (3) = 1.503 ALPHA (3) = .070 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2674
2.000	-.2465
3.000	-.2571
4.000	-.2581
5.000	.0000
6.000	-.3009
7.000	-.3093
8.000	-.3276
9.000	-.0294
10.000	-.0754
11.000	-.3163
12.000	-.3228
13.000	-.2984
14.000	.1478
15.000	-.0142
16.000	-.3434
17.000	-.3504
18.000	-.3572
19.000	-.3441
20.000	-.3340
21.000	-.3322
22.000	-.3413

MACH (3) = 1.503 ALPHA (4) = 1.990 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2598
2.000	-.2428
3.000	-.2581
4.000	-.2553
5.000	.0000
6.000	-.2888
7.000	-.2996
8.000	-.3043
9.000	-.0242
10.000	-.0781
11.000	-.3183
12.000	-.3188
13.000	-.2961
14.000	.1757
15.000	-.0285

IA68 C1 F1 M1(1) BASE REGIONS (RF4804)

MACH (3) = 1.503 ALPHA (4) = 1.990

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3437
17.000	-.3528
18.000	-.3599
19.000	-.3441
20.000	-.3364
21.000	-.3323
22.000	-.3442

MACH (3) = 1.503 ALPHA (5) = 3.930 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2518
2.000	-.2422
3.000	-.2568
4.000	-.2518
5.000	.0000
6.000	-.2843
7.000	-.2987
8.000	-.2992
9.000	-.0130
10.000	-.0618
11.000	-.3195
12.000	-.3169
13.000	-.2818
14.000	.1873
15.000	-.0801
16.000	-.3423
17.000	-.3548
18.000	-.3607
19.000	-.3414
20.000	-.3372
21.000	-.3331
22.000	-.3460

IA68 C1 F1 M1(1) BASE REGIONS (RF4EU4)

MACH (4) = 1.991 ALPHA (1) = -3.910 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2033
2.000	-.1991
3.000	-.1936
4.000	-.1961
5.000	.0000
6.000	-.2285
7.000	-.2387
8.000	-.2536
9.000	-.0135
10.000	-.0698
11.000	-.2480
12.000	-.2505
13.000	-.2271
14.000	.0895
15.000	.0819
16.000	-.2649
17.000	-.2747
18.000	-.2758
19.000	-.2648
20.000	-.2627
21.000	-.2553
22.000	-.2629

MACH (4) = 1.991 ALPHA (2) = -2.000 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2149
2.000	-.2097
3.000	-.2096
4.000	-.2107
5.000	.0000
6.000	-.2244
7.000	-.2303
8.000	-.2455
9.000	-.0129
10.000	-.0559
11.000	-.2376
12.000	-.2434
13.000	-.2253
14.000	.1203
15.000	.1126

IA68 C1 F1 M1(1) BASE REGIONS (RF42C4)

MACH (4) = 1.991 ALPHA (2) = -2.000

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2678
17.000	-.2945
18.000	-.2891
19.000	-.2676
20.000	-.2679
21.000	-.2640
22.000	-.2688

MACH (4) = 1.991 ALPHA (3) = -.020 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2298
2.000	-.2295
3.000	-.2231
4.000	-.2229
5.000	.0000
6.000	-.2237
7.000	-.2198
8.000	-.2353
9.000	-.0095
10.000	-.0497
11.000	-.2284
12.000	-.2358
13.000	-.2244
14.000	.1725
15.000	.1053
16.000	-.2655
17.000	-.3021
18.000	-.2937
19.000	-.2667
20.000	-.2562
21.000	-.2623
22.000	-.2673

IA68 C1 F1 M1(1) BASE REGIONS (RF4E04)

MACH (4) = 1.991 ALPHA (4) = 1.910 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2302
2.000	-.2287
3.000	-.2240
4.000	-.2240
5.000	.0000
6.000	-.2138
7.000	-.2166
8.000	-.2309
9.000	-.0062
10.000	-.0435
11.000	-.2254
12.000	-.2344
13.000	-.2148
14.000	.1929
15.000	.0860
16.000	-.2588
17.000	-.2968
18.000	-.2857
19.000	-.2603
20.000	-.2571
21.000	-.2531
22.000	-.2603

MACH (4) = 1.991 ALPHA (5) = 3.850 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2263
2.000	-.2191
3.000	-.2249
4.000	-.2239
5.000	.0000
6.000	-.2388
7.000	-.2113
8.000	-.2240
9.000	-.0036
10.000	-.0207
11.000	-.2225
12.000	-.2419
13.000	-.2365
14.000	.2160
15.000	.0295

IA68 C1 F1 M1(1) BASE REGIONS (RF4E04)

MACH (4) = 1.991 ALPHA (5) = 3.850

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2577
17.000	-.2938
18.000	-.2808
19.000	-.2601
20.000	-.2521
21.000	-.2504
22.000	-.2534

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68 (RF4B05) (19 APR 74)

IA68 C1 F1 M1(1) BASE REGIONS

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .896 BETA (1) = -3.860 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2261
2.000	-.2211
3.000	-.2210
4.000	-.2006
5.000	.0000
6.000	-.3305
7.000	-.3440
8.000	-.3777
9.000	-.3885
10.000	-.3451
11.000	-.3726
12.000	-.3648
13.000	-.3354
14.000	-.0631
15.000	-.3460
16.000	-.3638
17.000	-.3336
18.000	-.3745
19.000	-.3644
20.000	-.3543
21.000	-.3306
22.000	-.3710

MACH (1) = .896 BETA (2) = -1.880 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1999
2.000	-.1985
3.000	-.1977
4.000	-.1897
5.000	.0000
6.000	-.3288
7.000	-.3313
8.000	-.3630

IA68 C1 F1 M1(1) BASE REGIONS (RF4E05)

MACH (1) = .896 BETA (2) = -1.880

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
9.000	-.3884
10.000	-.3526
11.000	-.3626
12.000	-.3574
13.000	-.3265
14.000	-.0546
15.000	-.3218
16.000	-.3534
17.000	-.3135
18.000	-.3609
19.000	-.3534
20.000	-.3421
21.000	-.3148
22.000	-.3565

MACH (1) = .896 BETA (3) = .030 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1902
2.000	-.1919
3.000	-.1835
4.000	-.1608
5.000	.0000
6.000	-.3624
7.000	-.2724
8.000	-.2852
9.000	-.3859
10.000	-.3524
11.000	-.2922
12.000	-.2974
13.000	-.3350
14.000	-.1470
15.000	-.2419
16.000	-.2948
17.000	-.2758
18.000	-.3154
19.000	-.3005
20.000	-.2786
21.000	-.2561
22.000	-.3015

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M1(1) BASE REGIONS (REF=1.0)

MACH (1) = .896 BETA (4) = 1.960 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1978
2.000	-.1944
3.000	-.1826
4.000	-.1896
5.000	.0000
6.000	-.3105
7.000	-.3025
8.000	-.3228
9.000	-.3927
10.000	-.3715
11.000	-.3291
12.000	-.3379
13.000	-.3556
14.000	-.2067
15.000	-.2523
16.000	-.3027
17.000	-.2876
18.000	-.3216
19.000	-.3048
20.000	-.2870
21.000	-.2597
22.000	-.3076

MACH (1) = .896 BETA (5) = 3.910 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2280
2.000	-.2243
3.000	-.2074
4.000	-.2027
5.000	.0000
6.000	-.3214
7.000	-.3311
8.000	-.3532
9.000	-.3937
10.000	-.3807
11.000	-.3539
12.000	-.3646
13.000	-.3877
14.000	-.1753
15.000	-.2647

IA68 C1 F1 M1(1) BASE REGIONS (SF42C5)

MACH (1) = .896 BETA (5) = 3.910

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2891
17.000	-.2866
18.000	-.3131
19.000	-.2942
20.000	-.2752
21.000	-.2358
22.000	-.3027

MACH (2) = 1.209 BETA (1) = -3.860 RN/L = 7.430

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2918
2.000	-.2876
3.000	-.2985
4.000	-.2860
5.000	.0000
6.000	-.3720
7.000	-.3945
8.000	-.4056
9.000	-.0417
10.000	-.0311
11.000	-.4152
12.000	-.4027
13.000	-.3690
14.000	.1600
15.000	-.1727
16.000	-.4589
17.000	-.4749
18.000	-.4784
19.000	-.4668
20.000	-.4421
21.000	-.4470
22.000	-.4593

IA68 C1 F1 M1(1) BASE REGIONS

MACH (2) = 1.209 BETA (2) = -1.950 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2857
2.000	-.2795
3.000	-.2868
4.000	-.2755
5.000	.0000
6.000	-.3544
7.000	-.3782
8.000	-.3750
9.000	-.0467
10.000	-.0778
11.000	-.4066
12.000	-.4019
13.000	-.3625
14.000	.1391
15.000	-.1720
16.000	-.4476
17.000	-.4604
18.000	-.4630
19.000	-.4527
20.000	-.4316
21.000	-.4355
22.000	-.4460

MACH (2) = 1.209 BETA (3) = -.040 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2800
2.000	-.2756
3.000	-.2900
4.000	-.2781
5.000	.0000
6.000	-.3519
7.000	-.3657
8.000	-.3742
9.000	-.0568
10.000	-.1016
11.000	-.4042
12.000	-.4072
13.000	-.3613
14.000	.0711
15.000	-.1602

DATE 01 OCT 74

TABULATED SOURCE DATA, R.I. TWT 281 - 1A68

1A68 C1 F1 M1(1) BASE REGIONS (RF4BU5)

MACH (2) = 1.209 BETA (3) = -.040

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.4360
17.000	-.4501
18.000	-.4624
19.000	-.4419
20.000	-.4205
21.000	-.4220
22.000	-.4334

MACH (2) = 1.209 BETA (4) = 1.870 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2921
2.000	-.2858
3.000	-.2683
4.000	-.2758
5.000	.0000
6.000	-.3514
7.000	-.3788
8.000	-.3778
9.000	-.0384
10.000	-.1220
11.000	-.3843
12.000	-.3805
13.000	-.3868
14.000	.0266
15.000	-.1615
16.000	-.4172
17.000	-.4326
18.000	-.4509
19.000	-.4263
20.000	-.4030
21.000	-.3984
22.000	-.4145

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M1(1) BASE REGIONS (RF45D5)

MACH (2) = 1.209 BETA (5) = 3.920 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

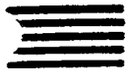
TAP NO	
1.000	-.3079
2.000	-.2939
3.000	-.2935
4.000	-.2919
5.000	.0000
6.000	-.3729
7.000	-.3964
8.000	-.4196
9.000	-.0449
10.000	-.1254
11.000	-.4140
12.000	-.4002
13.000	-.4084
14.000	-.0071
15.000	-.1437
16.000	-.4166
17.000	-.4246
18.000	-.4405
19.000	-.4264
20.000	-.3996
21.000	-.3949
22.000	-.4130

MACH (3) = 1.503 BETA (1) = -3.970 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.6323
2.000	-.2489
3.000	-.2628
4.000	-.2588
5.000	.0000
6.000	-.3064
7.000	-.3204
8.000	-.3398
9.000	-.0152
10.000	-.0565
11.000	-.3410
12.000	-.3409
13.000	-.3047
14.000	.2561
15.000	-.0068



IA68 C1 F1 M1(1) BASE REGIONS (RF4E26)

MACH (3) = 1.503 BETA (1) = -3.970

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3544
17.000	-.3678
18.000	-.3777
19.000	-.3554
20.000	-.3487
21.000	-.3451
22.000	-.3560

MACH (3) = 1.503 BETA (2) = -2.050 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.6323
2.000	-.2418
3.000	-.2560
4.000	-.2521
5.000	.0000
6.000	-.2913
7.000	-.3038
8.000	-.3109
9.000	-.0227
10.000	-.0653
11.000	-.3249
12.000	-.3204
13.000	-.2890
14.000	.1963
15.000	-.0076
16.000	-.3494
17.000	-.3592
18.000	-.3650
19.000	-.3500
20.000	-.3413
21.000	-.3391
22.000	-.3484

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M1(1) BASE REGIONS (RF4E05)

MACH (3) = 1.503 BETA (3) = -.130 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.6323
2.000	-.2477
3.000	-.2558
4.000	-.2569
5.000	.0000
6.000	-.3012
7.000	-.3106
8.000	-.3291
9.000	-.0269
10.000	-.0733
11.000	-.3159
12.000	-.3229
13.000	-.2989
14.000	.1468
15.000	-.0142
16.000	-.3417
17.000	-.3485
18.000	-.3555
19.000	-.3424
20.000	-.3318
21.000	-.3304
22.000	-.3398

MACH (3) = 1.503 BETA (4) = 1.800 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.6323
2.000	-.2545
3.000	-.2463
4.000	-.2554
5.000	.0000
6.000	-.2944
7.000	-.3045
8.000	-.3169
9.000	-.0242
10.000	-.1084
11.000	-.3091
12.000	-.3210
13.000	-.3198
14.000	.1060
15.000	.0084

IA68 C1 F1 M1(1) BASE REGIONS (RF4=55)

MACH (3) = 1.503 BETA (4) = 1.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3337
17.000	-.3409
18.000	-.3651
19.000	-.3345
20.000	-.3260
21.000	-.3207
22.000	-.3308

MACH (3) = 1.503 BETA (5) = 3.840 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.6323
2.000	-.2761
3.000	-.2629
4.000	-.2652
5.000	.0000
6.000	-.2967
7.000	-.3090
8.000	-.3378
9.000	-.0094
10.000	-.1289
11.000	-.3082
12.000	-.3202
13.000	-.3193
14.000	.1332
15.000	.0225
16.000	-.3264
17.000	-.3339
18.000	-.3482
19.000	-.3308
20.000	-.3200
21.000	-.3141
22.000	-.3234

IA68 C1 F1 M1(1) BASE REGIONS (RF4E26)

MACH (4) = 1.991 BETA (1) = -3.790 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2411
2.000	-.2428
3.000	-.2354
4.000	-.2186
5.000	.0000
6.000	-.2287
7.000	-.2288
8.000	-.2413
9.000	-.0051
10.000	-.0398
11.000	-.2355
12.000	-.2334
13.000	-.2239
14.000	.2366
15.000	.1064
16.000	-.2787
17.000	-.3053
18.000	-.2935
19.000	-.2782
20.000	-.2736
21.000	-.2683
22.000	-.2785

MACH (4) = 1.991 BETA (2) = -1.870 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2456
2.000	-.2489
3.000	-.2348
4.000	-.2192
5.000	.0000
6.000	-.2233
7.000	-.2225
8.000	-.2337
9.000	-.0070
10.000	-.0534
11.000	-.2277
12.000	-.2263
13.000	-.2227
14.000	.2329
15.000	.0459

IA68 C1 F1 M1(1) BASE REGIONS (GF4855)

MACH (4) = 1.991 BETA (2) = -1.870

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2774
17.000	-.3073
18.000	-.2958
19.000	-.2776
20.000	-.2720
21.000	-.2661
22.000	-.2757

MACH (4) = 1.991 BETA (3) = -.010 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2455
2.000	-.2582
3.000	-.2309
4.000	-.2220
5.000	.0000
6.000	-.2159
7.000	-.2220
8.000	-.2296
9.000	-.0079
10.000	-.0505
11.000	-.2253
12.000	-.2246
13.000	-.2214
14.000	.1805
15.000	.1221
16.000	-.2671
17.000	-.3023
18.000	-.2946
19.000	-.2678
20.000	-.2675
21.000	-.2630
22.000	-.2685

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M1(1) BASE REGIONS (8F4.0,F5.)

MACH (4) = 1.991 BETA (4) = 1.950 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2406
2.000	-.2427
3.000	-.2307
4.000	-.2269
5.000	.0000
6.000	-.2166
7.000	-.2166
8.000	-.2137
9.000	-.0057
10.000	-.0604
11.000	-.2219
12.000	-.2189
13.000	-.2208
14.000	.1507
15.000	.1894
16.000	-.2559
17.000	-.2834
18.000	-.2788
19.000	-.2532
20.000	-.2554
21.000	-.2491
22.000	-.2570

MACH (4) = 1.991 BETA (5) = 3.790 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2317
2.000	-.2289
3.000	-.2262
4.000	-.2198
5.000	.0000
6.000	-.2202
7.000	-.2167
8.000	-.2173
9.000	.0052
10.000	-.0775
11.000	-.2230
12.000	-.2202
13.000	-.2199
14.000	.0943
15.000	.1657

IA68 C1 F1 M1(1) BASE REGIONS (RF48U6)

MACH (4) = 1.991 BETA (5) = 3.790

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2419
17.000	-.2529
18.000	-.2608
19.000	-.2407
20.000	-.2383
21.000	-.2318
22.000	-.2412

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IA68 C1 F1 M2(1) BASE REGIONS (RF4B36) (18 SEP 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .896 ALPHA (1) = .000 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2034
2.000	-.1989
3.000	-.1869
4.000	-.1844
5.000	.0000
6.000	-.3521
7.000	-.2737
8.000	-.2847
9.000	-.4156
10.000	-.3716
11.000	-.2938
12.000	-.3090
13.000	-.3331
14.000	-.1131
15.000	-.2741
16.000	-.2782
17.000	-.2834
18.000	-.3166
19.000	-.2860
20.000	-.2632
21.000	-.2430
22.000	-.2962

MACH (2) = 1.223 ALPHA (1) = .000 RN/L = 7.300

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2967
2.000	-.2866
3.000	-.2895
4.000	-.2858
5.000	.0000
6.000	-.3629
7.000	-.3902
8.000	-.3891

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M2(1) BASE REGIONS (RF4E36)

MACH (2) = 1.223 ALPHA (1) = .000

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
9.000	-.1138
10.000	-.1432
11.000	-.4074
12.000	-.4091
13.000	-.3748
14.000	.0900
15.000	-.1554
16.000	-.4299
17.000	-.4480
18.000	-.4546
19.000	-.4403
20.000	-.4165
21.000	-.4132
22.000	-.4350

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4B07) (18 SEP 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .896 ALPHA (1) = -3.870 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2241
2.000	-.2280
3.000	-.2171
4.000	-.2070
5.000	.0000
6.000	-.3393
7.000	-.3217
8.000	-.3581
9.000	-.4711
10.000	-.4160
11.000	-.3636
12.000	-.3672
13.000	-.3834
14.000	-.1969
15.000	-.2368
16.000	-.3472
17.000	-.3017
18.000	-.3377
19.000	-.3522
20.000	-.3334
21.000	-.3140
22.000	-.3531

MACH (1) = .896 ALPHA (2) = -1.920 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2075
2.000	-.2127
3.000	-.2006
4.000	-.1902
5.000	.0000
6.000	-.3589
7.000	-.2895
8.000	-.2969

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4507)

MACH (1) = .896 ALPHA (2) = -1.920

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
9.000	-.4301
10.000	-.3603
11.000	-.3061
12.000	-.3377
13.000	-.3703
14.000	-.1912
15.000	-.1826
16.000	-.3442
17.000	-.3190
18.000	-.3620
19.000	-.3506
20.000	-.3300
21.000	-.3088
22.000	-.3497

MACH (1) = .896 ALPHA (3) = .001 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1994
2.000	-.2089
3.000	-.1927
4.000	-.1829
5.000	.0000
6.000	-.3462
7.000	-.2687
8.000	-.2655
9.000	-.4054
10.000	-.3321
11.000	-.2744
12.000	-.2936
13.000	-.3292
14.000	-.1614
15.000	-.1292
16.000	-.3241
17.000	-.3097
18.000	-.3489
19.000	-.3306
20.000	-.3090
21.000	-.2861
22.000	-.3322

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (BF4LL2)

MACH (1) = .896 ALPHA (4) = 1.890 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2000
2.000	-.2035
3.000	-.1953
4.000	-.1893
5.000	.0000
6.000	-.2974
7.000	-.2877
8.000	-.3112
9.000	-.3857
10.000	-.3096
11.000	-.3132
12.000	-.3128
13.000	-.2983
14.000	-.1345
15.000	-.1008
16.000	-.3227
17.000	-.3248
18.000	-.3512
19.000	-.3265
20.000	-.3128
21.000	-.2863
22.000	-.3392

MACH (1) = .896 ALPHA (5) = 3.790 RN/L = 6.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2050
2.000	-.2024
3.000	-.2022
4.000	-.1976
5.000	.0000
6.000	-.2982
7.000	-.3067
8.000	-.3320
9.000	-.3691
10.000	-.3114
11.000	-.3345
12.000	-.3329
13.000	-.3046
14.000	-.1345
15.000	-.1306

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4507)

MACH (1) = .896 ALPHA (5) = 3.790

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3362
17.000	-.3504
18.000	-.3697
19.000	-.3360
20.000	-.3282
21.000	-.3046
22.000	-.3579

MACH (2) = 1.206 ALPHA (1) = -3.950 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3248
2.000	-.3198
3.000	-.3197
4.000	-.2974
5.000	.0000
6.000	-.3973
7.000	-.4137
8.000	-.4272
9.000	-.1705
10.000	-.0948
11.000	-.4163
12.000	-.4127
13.000	-.4115
14.000	.0515
15.000	-.0578
16.000	-.4446
17.000	-.4282
18.000	-.4578
19.000	-.4464
20.000	-.4354
21.000	-.4158
22.000	-.4430

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (REVISED)

MACH (2) = 1.206 ALPHA (2) = -2.000 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3006
2.000	-.2922
3.000	-.2976
4.000	-.2772
5.000	.0000
6.000	-.3835
7.000	-.3973
8.000	-.4060
9.000	-.1384
10.000	-.0924
11.000	-.4043
12.000	-.3966
13.000	-.3939
14.000	.0555
15.000	-.0651
16.000	-.4334
17.000	-.4372
18.000	-.4573
19.000	-.4391
20.000	-.4208
21.000	-.4057
22.000	-.4327

MACH (2) = 1.206 ALPHA (3) = -.070 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2878
2.000	-.2759
3.000	-.2887
4.000	-.2717
5.000	.0000
6.000	-.3695
7.000	-.3713
8.000	-.3903
9.000	-.1199
10.000	-.0927
11.000	-.4009
12.000	-.3941
13.000	-.3744
14.000	.0643
15.000	-.0172

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4EU7)

MACH (2) = 1.206 ALPHA (3) = -.070

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.4230
17.000	-.4326
18.000	-.4535
19.000	-.4298
20.000	-.4092
21.000	-.4007
22.000	-.4240

MACH (2) = 1.206 ALPHA (4) = 1.870 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2817
2.000	-.2753
3.000	-.2881
4.000	-.2770
5.000	.0000
6.000	-.3559
7.000	-.3569
8.000	-.3945
9.000	-.0939
10.000	-.0385
11.000	-.4053
12.000	-.4009
13.000	-.3584
14.000	.0549
15.000	.0770
16.000	-.3966
17.000	-.4158
18.000	-.4262
19.000	-.4097
20.000	-.3835
21.000	-.3843
22.000	-.4005

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4537)

MACH (2) = 1.206 ALPHA (5) = 3.850 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2887
2.000	-.2757
3.000	-.2956
4.000	-.2817
5.000	.0000
6.000	-.3528
7.000	-.3492
8.000	-.3750
9.000	-.0505
10.000	-.0224
11.000	-.3958
12.000	-.4031
13.000	-.3672
14.000	.0682
15.000	.0601
16.000	-.4030
17.000	-.4288
18.000	-.4220
19.000	-.4164
20.000	-.3941
21.000	-.4031
22.000	-.4024

MACH (3) = 1.503 ALPHA (1) = -3.850 RN/L = 9.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2481
2.000	-.2710
3.000	-.2533
4.000	-.2298
5.000	.0000
6.000	-.3105
7.000	-.3250
8.000	-.3393
9.000	-.0998
10.000	-.0812
11.000	-.3316
12.000	-.3442
13.000	-.3320
14.000	.0848
15.000	-.0042

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4537)

MACH (3) = 1.503 ALPHA (1) = -3.850

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3593
17.000	-.3872
18.000	-.3918
19.000	-.3632
20.000	-.3492
21.000	-.3428
22.000	-.3611

MACH (3) = 1.503 ALPHA (2) = -1.900 RN/L = 9.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2576
2.000	-.2716
3.000	-.2549
4.000	-.2378
5.000	.0000
6.000	-.3135
7.000	-.3248
8.000	-.3348
9.000	-.0798
10.000	-.0601
11.000	-.3309
12.000	-.3352
13.000	-.3295
14.000	.0879
15.000	.0151
16.000	-.3526
17.000	-.3709
18.000	-.3817
19.000	-.3541
20.000	-.3443
21.000	-.3404
22.000	-.3536

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4507)

MACH (3) = 1.503 ALPHA (3) = .010 RN/L = 9.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2585
2.000	-.2633
3.000	-.2523
4.000	-.2437
5.000	.0000
6.000	-.3105
7.000	-.3164
8.000	-.3309
9.000	-.0614
10.000	-.0456
11.000	-.3213
12.000	-.3244
13.000	-.3237
14.000	.1042
15.000	.0336
16.000	-.3536
17.000	-.3652
18.000	-.3826
19.000	-.3552
20.000	-.3448
21.000	-.3396
22.000	-.3519

MACH (3) = 1.503 ALPHA (4) = 1.940 RN/L = 9.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2539
2.000	-.2447
3.000	-.2543
4.000	-.2541
5.000	.0000
6.000	-.3054
7.000	-.3130
8.000	-.3312
9.000	-.0378
10.000	-.0090
11.000	-.3274
12.000	-.3371
13.000	-.3064
14.000	.1368
15.000	.0517

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IA68 C1 F1 M2(1) + FILLET BASE REGIONS

(RF42D7)

MACH (3) = 1.503 ALPHA (4) = 1.940

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3402
17.000	-.3554
18.000	-.3595
19.000	-.3442
20.000	-.3317
21.000	-.3340
22.000	-.3439

MACH (3) = 1.503 ALPHA (5) = 3.810 RN/L = 9.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2441
2.000	-.2314
3.000	-.2521
4.000	-.2515
5.000	.0000
6.000	-.2932
7.000	-.2994
8.000	-.3173
9.000	-.0124
10.000	.0073
11.000	-.3228
12.000	-.3270
13.000	-.2967
14.000	.1815
15.000	.0573
16.000	-.3357
17.000	-.3596
18.000	-.3633
19.000	-.3428
20.000	-.3277
21.000	-.3289
22.000	-.3439

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4E27)

MACH (4) = 1.991 ALPHA (1) = -4.080 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2236
2.000	-.2205
3.000	-.1983
4.000	-.2038
5.000	.0000
6.000	-.2405
7.000	-.2319
8.000	-.2350
9.000	-.0511
10.000	-.0323
11.000	-.2305
12.000	-.2362
13.000	-.2359
14.000	.1641
15.000	.1453
16.000	-.2441
17.000	-.2585
18.000	-.2600
19.000	-.2461
20.000	-.2372
21.000	-.2393
22.000	-.2432

MACH (4) = 1.991 ALPHA (2) = -1.900 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2298
2.000	-.2250
3.000	-.2029
4.000	-.2046
5.000	.0000
6.000	-.2282
7.000	-.2278
8.000	-.2365
9.000	-.0360
10.000	-.0117
11.000	-.2362
12.000	-.2545
13.000	-.2220
14.000	.1649
15.000	.1293

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IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4E07)

MACH (4) = 1.991 ALPHA (2) = -1.900

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2485
17.000	-.2643
18.000	-.2632
19.000	-.2487
20.000	-.2419
21.000	-.2406
22.000	-.2459

MACH (4) = 1.991 ALPHA (3) = .100 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2234
2.000	-.2166
3.000	-.2124
4.000	-.2145
5.000	.0000
6.000	-.2223
7.000	-.2243
8.000	-.2356
9.000	-.0239
10.000	.0129
11.000	-.2309
12.000	-.2509
13.000	-.2193
14.000	.1621
15.000	.1413
16.000	-.2583
17.000	-.2956
18.000	-.2840
19.000	-.2589
20.000	-.2554
21.000	-.2537
22.000	-.2590

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4B07)

MACH (4) = 1.991 ALPHA (4) = 2.120 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2203
2.000	-.2188
3.000	-.2192
4.000	-.2201
5.000	.0000
6.000	-.2178
7.000	-.2211
8.000	-.2328
9.000	-.0164
10.000	.0252
11.000	-.2346
12.000	-.2464
13.000	-.2171
14.000	.1736
15.000	.1020
16.000	-.2560
17.000	-.2887
18.000	-.2796
19.000	-.2581
20.000	-.2528
21.000	-.2480
22.000	-.2571

MACH (4) = 1.991 ALPHA (5) = 4.070 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2170
2.000	-.2173
3.000	-.2124
4.000	-.2186
5.000	.0000
6.000	-.2154
7.000	-.2180
8.000	-.2261
9.000	-.0041
10.000	.0495
11.000	-.2319
12.000	-.2444
13.000	-.2168
14.000	.1999
15.000	.0508

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4507)

MACH (4) = 1.991 ALPHA (5) = 4.070

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2483
17.000	-.2797
18.000	-.2738
19.000	-.2519
20.000	-.2474
21.000	-.2418
22.000	-.2497

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4E08) (19 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .896 BETA (1) = -3.930 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2403
2.000	-.2370
3.000	-.2334
4.000	-.2187
5.000	.0000
6.000	-.3310
7.000	-.3469
8.000	-.3734
9.000	-.4269
10.000	-.3569
11.000	-.3650
12.000	-.3564
13.000	-.3305
14.000	-.0324
15.000	-.2850
16.000	-.3932
17.000	-.3402
18.000	-.3939
19.000	-.3919
20.000	-.3842
21.000	-.3534
22.000	-.3923

MACH (1) = .896 BETA (2) = -1.950 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2207
2.000	-.2206
3.000	-.2161
4.000	-.2037
5.000	.0000
6.000	-.3062
7.000	-.3163
8.000	-.3404

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4BOR)

MACH (1) = .896 BETA (2) = -1.950

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
9.000	-.4136
10.000	-.3370
11.000	-.3357
12.000	-.3288
13.000	-.3065
14.000	-.0781
15.000	-.1667
16.000	-.3638
17.000	-.3259
18.000	-.3714
19.000	-.3626
20.000	-.3530
21.000	-.3244
22.000	-.3663

MACH (1) = .896 BETA (3) = -.030 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2020
2.000	-.2123
3.000	-.1972
4.000	-.1840
5.000	.0000
6.000	-.3450
7.000	-.2665
8.000	-.2732
9.000	-.4051
10.000	-.3299
11.000	-.2782
12.000	-.2936
13.000	-.3247
14.000	-.1551
15.000	-.1236
16.000	-.3232
17.000	-.3079
18.000	-.3479
19.000	-.3313
20.000	-.3083
21.000	-.2858
22.000	-.3311

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IA69 C1 F1 M2(1) + FILLET BASE REGIONS

MACH (1) = .896 BETA (4) = 1.880 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1954
2.000	-.2024
3.000	-.1963
4.000	-.1765
5.000	.0000
6.000	-.3431
7.000	-.2758
8.000	-.2752
9.000	-.4035
10.000	-.3324
11.000	-.2934
12.000	-.3288
13.000	-.3563
14.000	-.1820
15.000	-.1285
16.000	-.3163
17.000	-.3245
18.000	-.3477
19.000	-.3248
20.000	-.3025
21.000	-.2806
22.000	-.3309

MACH (1) = .896 BETA (5) = 3.810 RN/L = 6.700

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2104
2.000	-.2128
3.000	-.1920
4.000	-.1817
5.000	.0000
6.000	-.3176
7.000	-.3109
8.000	-.3339
9.000	-.4120
10.000	-.3397
11.000	-.3450
12.000	-.3548
13.000	-.3750
14.000	-.1763
15.000	-.1364

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4B08)

MACH (1) = .896 BETA (5) = 3.810

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2924
17.000	-.3028
18.000	-.3230
19.000	-.2986
20.000	-.2774
21.000	-.2489
22.000	-.3104

MACH (2) = 1.210 BETA (1) = -3.880 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3065
2.000	-.2983
3.000	-.3040
4.000	-.2794
5.000	.0000
6.000	-.3580
7.000	-.3699
8.000	-.4005
9.000	-.1317
10.000	-.0633
11.000	-.4035
12.000	-.3956
13.000	-.3572
14.000	.2009
15.000	-.0274
16.000	-.4614
17.000	-.4765
18.000	-.4925
19.000	-.4692
20.000	-.4483
21.000	-.4405
22.000	-.4655

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IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF45U2)

MACH (2) = 1.210 BETA (2) = -1.830 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2848
2.000	-.2809
3.000	-.2834
4.000	-.2638
5.000	.0000
6.000	-.3493
7.000	-.3637
8.000	-.3872
9.000	-.1231
10.000	-.0839
11.000	-.4023
12.000	-.3988
13.000	-.3538
14.000	.1109
15.000	-.0659
16.000	-.4390
17.000	-.4509
18.000	-.4722
19.000	-.4461
20.000	-.4256
21.000	-.4179
22.000	-.4400

MACH (2) = 1.210 BETA (3) = .140 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2868
2.000	-.2759
3.000	-.2875
4.000	-.2670
5.000	.0000
6.000	-.3673
7.000	-.3731
8.000	-.3872
9.000	-.1181
10.000	-.0921
11.000	-.3951
12.000	-.3868
13.000	-.3772
14.000	.0629
15.000	-.0251

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (GF4E)(8)

MACH (2) = 1.210 BETA (3) = .140

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.4168
17.000	-.4269
18.000	-.4498
19.000	-.4255
20.000	-.4023
21.000	-.3958
22.000	-.4176

MACH (2) = 1.210 BETA (4) = 2.130 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3058
2.000	-.2986
3.000	-.2906
4.000	-.2710
5.000	.0000
6.000	-.3651
7.000	-.3785
8.000	-.3907
9.000	-.1083
10.000	-.0930
11.000	-.3957
12.000	-.3858
13.000	-.3911
14.000	.0614
15.000	-.0244
16.000	-.4007
17.000	-.4140
18.000	-.4329
19.000	-.4112
20.000	-.3962
21.000	-.3806
22.000	-.4010

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IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF45_3)

MACH (2) = 1.210 BETA (5) = 4.070 RN/L = 7.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3383
2.000	-.3382
3.000	-.3092
4.000	-.2920
5.000	.0000
6.000	-.3692
7.000	-.3756
8.000	-.3952
9.000	-.0821
10.000	-.0934
11.000	-.4036
12.000	-.4001
13.000	-.4047
14.000	.0374
15.000	-.0404
16.000	-.3876
17.000	-.4055
18.000	-.4211
19.000	-.4028
20.000	-.3699
21.000	-.3703
22.000	-.3910

MACH (3) = 1.991 BETA (1) = -3.800 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2206
2.000	-.2263
3.000	-.2028
4.000	-.2130
5.000	.0000
6.000	-.2303
7.000	-.2297
8.000	-.2413
9.000	-.0319
10.000	-.0204
11.000	-.2416
12.000	-.2542
13.000	-.2314
14.000	.2213
15.000	.1027

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (RF4828)

MACH (3) = 1.991 BETA (1) = -3.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2808
17.000	-.3070
18.000	-.2987
19.000	-.2821
20.000	-.2760
21.000	-.2739
22.000	-.2794

MACH (3) = 1.991 BETA (2) = -1.760 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2141
2.000	-.2154
3.000	-.2055
4.000	-.2107
5.000	.0000
6.000	-.2219
7.000	-.2201
8.000	-.2337
9.000	-.0268
10.000	-.0036
11.000	-.2301
12.000	-.2473
13.000	-.2189
14.000	.1837
15.000	.1222
16.000	-.2717
17.000	-.3019
18.000	-.2928
19.000	-.2722
20.000	-.2669
21.000	-.2651
22.000	-.2722

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TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M2(1) + FILLET BASE REGIONS

(RF4E06)

MACH (3) = 1.991 BETA (3) = .210 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2242
2.000	-.2153
3.000	-.2104
4.000	-.2146
5.000	.0000
6.000	-.2214
7.000	-.2254
8.000	-.2355
9.000	-.0249
10.000	.0130
11.000	-.2314
12.000	-.2521
13.000	-.2162
14.000	.1611
15.000	.1523
16.000	-.2592
17.000	-.2973
18.000	-.2862
19.000	-.2593
20.000	-.2556
21.000	-.2541
22.000	-.2601

MACH (3) = 1.991 BETA (4) = 2.160 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2337
2.000	-.2319
3.000	-.2199
4.000	-.2250
5.000	.0000
6.000	-.2361
7.000	-.2294
8.000	-.2303
9.000	-.0335
10.000	.0073
11.000	-.2338
12.000	-.2362
13.000	-.2297
14.000	.1478
15.000	.1604

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TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M2(1) + FILLET BASE REGIONS (GF4B08)

MACH (3) = 1.991 BETA (4) = 2.160

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2460
17.000	-.2834
18.000	-.2723
19.000	-.2455
20.000	-.2429
21.000	-.2412
22.000	-.2467

MACH (3) = 1.991 BETA (5) = 4.060 RN/L = 10.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2431
2.000	-.2315
3.000	-.2191
4.000	-.2274
5.000	.0000
6.000	-.2419
7.000	-.2331
8.000	-.2334
9.000	-.0470
10.000	.0038
11.000	-.2362
12.000	-.2350
13.000	-.2292
14.000	.1345
15.000	.1256
16.000	-.2334
17.000	-.2614
18.000	-.2579
19.000	-.2319
20.000	-.2299
21.000	-.2239
22.000	-.2536

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TABULATED SOURCE DATA, R.I. TWT 281 - 1A68

1A68 C1 F1 M3(1) M4(1) BASE REGIONS

(RF4E09) (19 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .896 ALPHA (1) = -3.900 RN/L = 6.500

SECTION (1)BASE

DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1953
2.000	-.2139
3.000	-.1929
4.000	-.1572
5.000	.0000
6.000	-.3719
7.000	-.2767
8.000	-.2856
9.000	-.4258
10.000	-.3682
11.000	-.2910
12.000	-.3006
13.000	-.3512
14.000	-.1158
15.000	-.1955
16.000	-.3018
17.000	-.3049
18.000	-.3195
19.000	-.3362
20.000	-.3188
21.000	-.2968
22.000	-.3351

MACH (1) = .896 ALPHA (2) = -1.940 RN/L = 6.500

SECTION (1)BASE

DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1887
2.000	-.2033
3.000	-.1832
4.000	-.1569
5.000	.0000
6.000	-.3606
7.000	-.2654
8.000	-.2727

IA68 C1 F1 M3(1, M4(1) BASE REGIONS (REF 4:139)

MACH (1) = .896 ALPHA (2) = -1.940

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
9.000	-.4096
10.000	-.3527
11.000	-.2788
12.000	-.2915
13.000	-.3400
14.000	-.1212
15.000	-.1773
16.000	-.3182
17.000	-.2987
18.000	-.3209
19.000	-.3246
20.000	-.3042
21.000	-.2789
22.000	-.3229

MACH (1) = .896 ALPHA (3) = .000 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1815
2.000	-.1927
3.000	-.1747
4.000	-.1594
5.000	.0000
6.000	-.3560
7.000	-.2581
8.000	-.2672
9.000	-.3962
10.000	-.3450
11.000	-.2732
12.000	-.2892
13.000	-.3343
14.000	-.1185
15.000	-.1920
16.000	-.3087
17.000	-.2945
18.000	-.3263
19.000	-.3148
20.000	-.2942
21.000	-.2686
22.000	-.3156

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TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M3(1) M4(1) BASE REGIONS

MACH (1) = .896 ALPHA (4) = 1.310 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1804
2.000	-.1869
3.000	-.1704
4.000	-.1641
5.000	.0000
6.000	-.3647
7.000	-.2607
8.000	-.2705
9.000	-.3892
10.000	-.3413
11.000	-.2774
12.000	-.2899
13.000	-.3362
14.000	-.1170
15.000	-.2242
16.000	-.3010
17.000	-.2926
18.000	-.3164
19.000	-.3066
20.000	-.2861
21.000	-.2569
22.000	-.3091

MACH (1) = .896 ALPHA (5) = 3.840 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1795
2.000	-.1829
3.000	-.1697
4.000	-.1670
5.000	.0000
6.000	-.3726
7.000	-.2645
8.000	-.2803
9.000	-.3850
10.000	-.3471
11.000	-.2885
12.000	-.2937
13.000	-.3391
14.000	-.1151
15.000	-.2799

IA68 C1 F1 M3(1) M4(1) BASE REGIONS (F46039)

MACH (1) = .896 ALPHA (5) = 3.840

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3136
17.000	-.3027
18.000	-.3183
19.000	-.3171
20.000	-.2957
21.000	-.2597
22.000	-.3204

MACH (2) = 1.209 ALPHA (1) = -3.940 RN/L = 7.200

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3056
2.000	-.2910
3.000	-.3102
4.000	-.3017
5.000	.0000
6.000	-.3973
7.000	-.4096
8.000	-.4268
9.000	-.1054
10.000	-.1149
11.000	-.4437
12.000	-.4459
13.000	-.4053
14.000	.1043
15.000	-.0897
16.000	-.4833
17.000	-.4922
18.000	-.5055
19.000	-.4866
20.000	-.4721
21.000	-.4646
22.000	-.4796

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 M3(1) M4(1) BASE REGIONS (SF4209)

MACH (2) = 1.209 ALPHA (2) = -1.960 RN/L = 7.200

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2927
2.000	-.2813
3.000	-.3034
4.000	-.2893
5.000	.0000
6.000	-.3721
7.000	-.3836
8.000	-.3953
9.000	-.0854
10.000	-.1205
11.000	-.4159
12.000	-.4218
13.000	-.3816
14.000	.0997
15.000	-.0864
16.000	-.4633
17.000	-.4792
18.000	-.4909
19.000	-.4681
20.000	-.4498
21.000	-.4482
22.000	-.4602

MACH (2) = 1.209 ALPHA (3) = -.030 RN/L = 7.200

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2933
2.000	-.2832
3.000	-.3064
4.000	-.2902
5.000	.0000
6.000	-.3654
7.000	-.3732
8.000	-.3928
9.000	-.0291
10.000	-.0729
11.000	-.4152
12.000	-.4234
13.000	-.3792
14.000	.0849
15.000	-.0873

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TABULATED SOURCE DATA, R.I. TWT 281 - IA69

IA69 C1 F1 M3(1, M4(1) BASE REGIONS

MACH (2) = 1.209 ALPHA (3) = -.030

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.4520
17.000	-.4633
18.000	-.4719
19.000	-.4571
20.000	-.4333
21.000	-.4391
22.000	-.4483

MACH (2) = 1.209 ALPHA (4) = 1.900 RN/L = 7.200

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2939
2.000	-.2871
3.000	-.3062
4.000	-.2914
5.000	.0000
6.000	-.3543
7.000	-.3628
8.000	-.3821
9.000	-.0118
10.000	-.0408
11.000	-.4038
12.000	-.4151
13.000	-.3689
14.000	.0825
15.000	-.1161
16.000	-.4489
17.000	-.4617
18.000	-.4671
19.000	-.4567
20.000	-.4302
21.000	-.4351
22.000	-.4486

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IA68 (1 F1 M3(1) M6(1) BASE REGIONS

MACH (2) = 1.209 ALPHA (5) = 3.880 RN/L = 7.200

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2997
2.000	-.2931
3.000	-.3284
4.000	-.2953
5.000	.0000
6.000	-.3515
7.000	-.3564
8.000	-.3767
9.000	-.0086
10.000	-.0362
11.000	-.3961
12.000	-.4134
13.000	-.3686
14.000	.0775
15.000	-.1141
16.000	-.4470
17.000	-.4606
18.000	-.4672
19.000	-.4592
20.000	-.4307
21.000	-.4302
22.000	-.4518

MACH (3) = 1.503 ALPHA (1) = -3.890 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.6323
2.000	-.2543
3.000	-.2659
4.000	-.2649
5.000	.0000
6.000	-.3149
7.000	-.3264
8.000	-.3357
9.000	-.0490
10.000	-.0971
11.000	-.3396
12.000	-.3486
13.000	-.3154
14.000	.1455
15.000	-.0178

1A69 C1 F1 [illegible] M8(1) [illegible] (NF4099)

MACH (3) = 1.503 ALPHA (1) = -3.690

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3662
17.000	-.3818
18.000	-.3791
19.000	-.3546
20.000	-.3623
21.000	-.3615
22.000	-.3632

MACH (3) = 1.505 ALPHA (2) = -1.620 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.6323
2.000	-.2699
3.000	-.2643
4.000	-.2650
5.000	.0000
6.000	-.2979
7.000	-.3043
8.000	-.3160
9.000	-.0377
10.000	-.1044
11.000	-.3261
12.000	-.3343
13.000	-.2966
14.000	.1677
15.000	.0423
16.000	-.3560
17.000	-.3675
18.000	-.3700
19.000	-.3550
20.000	-.3485
21.000	-.3508
22.000	-.3522

1A68 C1 F1 M3(1) M4(1) BASE REGIONS (RF4B039)

MACH (3) = 1.503 ALPHA (3) = .120 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

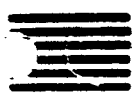
TAP NO	
1.000	-.6323
2.000	-.2510
3.000	-.2677
4.000	-.2666
5.000	.0000
6.000	-.2979
7.000	-.3021
8.000	-.3164
9.000	-.0289
10.000	-.0612
11.000	-.3163
12.000	-.3246
13.000	-.2943
14.000	.1704
15.000	.0003
16.000	-.3469
17.000	-.3557
18.000	-.3593
19.000	-.3467
20.000	-.3384
21.000	-.3379
22.000	-.3442

MACH (3) = 1.503 ALPHA (4) = 2.120 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.6323
2.000	-.2494
3.000	-.2658
4.000	-.2634
5.000	.0000
6.000	-.2841
7.000	-.2947
8.000	-.3010
9.000	-.0218
10.000	-.0678
11.000	-.3200
12.000	-.3221
13.000	-.2834
14.000	.1825
15.000	-.0061



1A68 C1 F1 M3(1) M4(1) BASE REGIONS (RF4E09)

MACH (3) = 1.503 ALPHA (4) = 2.120

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3450
17.000	-.3655
18.000	-.3600
19.000	-.3443
20.000	-.3382
21.000	-.3345
22.000	-.3462

MACH (3) = 1.503 ALPHA (5) = 4.030 RN/L = 9.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.6323
2.000	-.2428
3.000	-.2612
4.000	-.2561
5.000	.0000
6.000	-.2803
7.000	-.2939
8.000	-.2930
9.000	-.0098
10.000	-.0435
11.000	-.3179
12.000	-.3172
13.000	-.2794
14.000	.1748
15.000	-.0710
16.000	-.3449
17.000	-.3581
18.000	-.3612
19.000	-.3429
20.000	-.3381
21.000	-.3340
22.000	-.3476

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IA68 C1 F1 M3(1) M4(1) BASE REGIONS (CF4,S1) (14 APR 74)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000 ALPHA = .000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

MACH (1) = .897 BETA (1) = -3.920 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1895
2.000	-.1873
3.000	-.1873
4.000	-.1789
5.000	.0000
6.000	-.2988
7.000	-.3188
8.000	-.3444
9.000	-.4003
10.000	-.3469
11.000	-.3422
12.000	-.3382
13.000	-.3074
14.000	.0087
15.000	-.3337
16.000	-.3745
17.000	-.3376
18.000	-.3814
19.000	-.3737
20.000	-.3648
21.000	-.3403
22.000	-.3779

MACH (1) = .897 BETA (2) = -1.970 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1839
2.000	-.1837
3.000	-.1825
4.000	-.1752
5.000	.0000
6.000	-.3088
7.000	-.3167
8.000	-.3458

IA68 C1 F1 M3(1) M4(1) BASE REGIONS (RF4B1D)

MACH (1) = .897 BETA (2) = -1.970

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
9.000	-.3984
10.000	-.3487
11.000	-.3435
12.000	-.3402
13.000	-.3107
14.000	-.0253
15.000	-.3087
16.000	-.3611
17.000	-.3180
18.000	-.3669
19.000	-.3621
20.000	-.3487
21.000	-.3194
22.000	-.3631

MACH (1) = .897 BETA (3) = -.050 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1786
2.000	-.1897
3.000	-.1703
4.000	-.1569
5.000	.0000
6.000	-.3659
7.000	-.2560
8.000	-.2637
9.000	-.3949
10.000	-.3432
11.000	-.2698
12.000	-.2864
13.000	-.3372
14.000	-.1243
15.000	-.1897
16.000	-.3042
17.000	-.2918
18.000	-.3235
19.000	-.3109
20.000	-.2906
21.000	-.2629
22.000	-.3112

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TABULATED SOURCE DATA, R.I. TWT 281 - IA68

IA68 C1 F1 XS(1) MA(1) BASE REGIONS (RF4E10)

MACH (1) = .897 BETA (4) = 1.630 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1836
2.000	-.1904
3.000	-.1734
4.000	-.1693
5.000	.0000
6.000	-.3309
7.000	-.2867
8.000	-.3016
9.000	-.3987
10.000	-.3576
11.000	-.3229
12.000	-.3332
13.000	-.3568
14.000	-.1959
15.000	-.1818
16.000	-.2972
17.000	-.2998
18.000	-.3255
19.000	-.3052
20.000	-.2804
21.000	-.2550
22.000	-.3103

MACH (1) = .897 BETA (5) = 3.840 RN/L = 6.500

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1951
2.000	-.2062
3.000	-.1807
4.000	-.1791
5.000	.0000
6.000	-.2938
7.000	-.3095
8.000	-.3291
9.000	-.4009
10.000	-.3652
11.000	-.3370
12.000	-.3433
13.000	-.3650
14.000	-.1376
15.000	-.1865

IA68 C1 F1 M3(1) M4(1) BASE REGIONS (RF4B10)

MACH (1) = .897 BETA (5) = 3.840

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2808
17.000	-.2843
18.000	-.3068
19.000	-.2914
20.000	-.2614
21.000	-.2308
22.000	-.2943

MACH (2) = 1.210 BETA (1) = -3.930 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3018
2.000	-.2926
3.000	-.3039
4.000	-.2971
5.000	.0000
6.000	-.3708
7.000	-.4018
8.000	-.4262
9.000	-.0264
10.000	-.0293
11.000	-.4288
12.000	-.4211
13.000	-.3830
14.000	.2272
15.000	-.1224
16.000	-.4805
17.000	-.4950
18.000	-.4998
19.000	-.4864
20.000	-.4637
21.000	-.4665
22.000	-.4807

IA68 C1 F1 MB(1) MI(1) BASE REGIONS (RF4B10)

MACH (2) = 1.210 BETA (2) = -2.070 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE C'

X/L 1.0000

TAP NO	
1.000	-.2980
2.000	-.2896
3.000	-.3026
4.000	-.2936
5.000	.0000
6.000	-.3649
7.000	-.3892
8.000	-.4014
9.000	-.0162
10.000	-.0313
11.000	-.4243
12.000	-.4173
13.000	-.3762
14.000	.1510
15.000	-.1330
16.000	-.4658
17.000	-.4780
18.000	-.4789
19.000	-.4699
20.000	-.4490
21.000	-.4530
22.000	-.4634

MACH (2) = 1.210 BETA (3) = -.130 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2922
2.000	-.2833
3.000	-.3059
4.000	-.2903
5.000	.0000
6.000	-.3608
7.000	-.3707
8.000	-.3868
9.000	-.0265
10.000	-.0763
11.000	-.4121
12.000	-.4201
13.000	-.3736
14.000	.0861
15.000	-.1181

1A68 C1 F1 MS(1) M4(1) BASE REGIONS (RF4B10)

MACH (2) = 1.210 BETA (3) = -.130

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.4501
17.000	-.4619
18.000	-.4688
19.000	-.4590
20.000	-.4315
21.000	-.4380
22.000	-.4460

MACH (2) = 1.210 BETA (4) = 1.620 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3071
2.000	-.3033
3.000	-.2937
4.000	-.2880
5.000	.0000
6.000	-.3559
7.000	-.3621
8.000	-.3797
9.000	-.0296
10.000	-.0652
11.000	-.3947
12.000	-.3820
13.000	-.3666
14.000	.0206
15.000	-.0972
16.000	-.4296
17.000	-.4432
18.000	-.4598
19.000	-.4392
20.000	-.4131
21.000	-.4149
22.000	-.4255

IA68 C1 F1 M3(1) M4(1) BASE REGIONS (RF4B10)

MACH (2) = 1.250 BETA (5) = 3.780 RN/L = 7.400

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3196
2.000	-.3084
3.000	-.2982
4.000	-.3069
5.000	.0000
6.000	-.3709
7.000	-.3926
8.000	-.4048
9.000	-.0393
10.000	-.0640
11.000	-.4112
12.000	-.3996
13.000	-.4080
14.000	-.0005
15.000	-.0356
16.000	-.4210
17.000	-.4311
18.000	-.4421
19.000	-.4310
20.000	-.4031
21.000	-.3977
22.000	-.4195

IA68 C1 F1 M1(1) BASE REGIONS (RF4B11) (18 APR 74)

REFERENCE DATA

SREF = 2680.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = 1.503 ALPHA (1) = -3.700 RNVL = 9.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2646
2.000	-.2507
3.000	-.2884
4.000	-.2820
5.030	.0000
6.000	-.3057
7.000	-.3225
8.000	-.3213
9.000	-.1037
10.000	-.1106
11.000	-.3451
12.000	-.3398
13.000	-.3084
14.000	.1986
15.000	-.0340
16.000	-.3861
17.000	-.3706
18.000	-.3767
19.000	-.3586
20.000	-.3492
21.000	-.3469
22.000	-.3593

MACH (1) = 1.503 ALPHA (2) = -1.790 RNVL = 9.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2748
2.000	-.2558
3.000	-.2676
4.000	-.2663
5.000	.0000
6.000	-.3137
7.000	-.3253
8.000	-.3215

IA68 C1 F1 M1(1) BASE REGIONS (FF4B11)

MACH (1) = 1.503 ALPHA (2) = -1.790

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

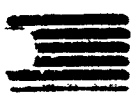
TAP NO	
9.000	-.1138
10.000	-.1088
11.000	-.3515
12.000	-.3380
13.000	-.3080
14.000	.1767
15.000	-.0385
16.000	-.3570
17.000	-.3707
18.000	-.3776
19.000	-.3696
20.000	-.3607
21.000	-.3480
22.000	-.3607

MACH (1) = 1.503 ALPHA (3) = .180 RN/L = 9.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2748
2.000	-.2858
3.000	-.2802
4.000	-.2824
5.000	.0000
6.000	-.3058
7.000	-.3250
8.000	-.3212
9.000	-.1158
10.000	-.1239
11.000	-.3477
12.000	-.3389
13.000	-.3073
14.000	.1423
15.000	-.0007
16.000	-.3615
17.000	-.3717
18.000	-.3793
19.000	-.3628
20.000	-.3554
21.000	-.3496
22.000	-.3633



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IA68 C1 F1 M1(1) BASE REGIONS (FF4E11)

MACH (1) = 1.503 ALPHA (4) = 2.010 RN/L = 9.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2795
2.000	-.2826
3.000	-.2540
4.000	-.2547
5.000	.0000
6.000	-.3107
7.000	-.3250
8.000	-.3226
9.000	-.1200
10.000	-.1374
11.000	-.3471
12.000	-.3408
13.000	-.3087
14.000	.1105
15.000	-.0210
16.000	-.3631
17.000	-.3749
18.000	-.3777
19.000	-.3635
20.000	-.3562
21.000	-.3515
22.000	-.3624

MACH (1) = 1.503 ALPHA (5) = 4.010 RN/L = 9.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2808
2.000	-.2837
3.000	-.2513
4.000	-.2480
5.000	.0000
6.000	-.3161
7.000	-.3298
8.000	-.3282
9.000	-.1242
10.000	-.1267
11.000	-.3457
12.000	-.3462
13.000	-.3137
14.000	.1045
15.000	-.0750

IA68 C1 F1 M1(1) BASE REGIONS (RF4811)

MACH (1) = 1.503 ALPHA (5) = 4.000

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.3647
17.000	-.3944
18.000	-.3817
19.000	-.3664
20.000	-.3554
21.000	-.3561
22.000	-.3660

MACH (2) = 1.991 ALPHA (1) = -3.860 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.1963
2.000	-.1907
3.000	-.1853
4.000	-.1874
5.000	.0000
6.000	-.2218
7.000	-.2321
8.000	-.2400
9.000	-.0898
10.000	-.0483
11.000	-.2444
12.000	-.2471
13.000	-.2217
14.000	.0962
15.000	-.0498
16.000	-.2551
17.000	-.2740
18.000	-.2752
19.000	-.2576
20.000	-.2518
21.000	-.2498
22.000	-.2585

IA68 C1 F1 M1(1) BASE REGIONS (6F4B11)

MACH (2) = 1.991 ALPHA (2) = -1.940 RNVL = 13.300

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2083
2.000	-.1999
3.000	-.2010
4.000	-.2025
5.000	.0000
6.000	-.2206
7.000	-.2303
8.000	-.2364
9.000	-.0923
10.000	-.0922
11.000	-.2431
12.000	-.2480
13.000	-.2211
14.000	.1162
15.000	-.0004
16.000	-.2611
17.000	-.2936
18.000	-.2861
19.000	-.2613
20.000	-.2580
21.000	-.2573
22.000	-.2619

MACH (2) = 1.991 ALPHA (3) = .000 RNVL = 13.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2320
2.000	-.2332
3.000	-.2239
4.000	-.2234
5.000	.0000
6.000	-.2234
7.000	-.2255
8.000	-.2255
9.000	-.0922
10.000	-.0413
11.000	-.2431
12.000	-.2467
13.000	-.2238
14.000	.1596
15.000	.0636

1A68 C1 F1 M1(1) BASE REGIONS (RF4B11)

MACH (2) = 1.991 ALPHA (3) = .000

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
16.000	-.2676
17.000	-.2999
18.000	-.2914
19.000	-.2685
20.000	-.2636
21.000	-.2616
22.000	-.2693

MACH (2) = 1.991 ALPHA (4) = 1.980 RN/L = 13.600

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.3498
2.000	-.2593
3.000	-.2342
4.000	-.2323
5.000	.0000
6.000	-.2256
7.000	-.2179
8.000	-.2135
9.000	-.0875
10.000	-.0342
11.000	-.2431
12.000	-.2393
13.000	-.2261
14.000	.1927
15.000	.0557
16.000	-.2601
17.000	-.2903
18.000	-.2835
19.000	-.2604
20.000	-.2584
21.000	-.2525
22.000	-.2619

IA68 C1 F1 M1(1) BASE REGIONS (6F4B11)

MACH (2) = 1.991 ALPHA (5) = 3.910 RN/L = 13.800

SECTION (1)BASE DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2429
2.000	-.2469
3.000	-.2286
4.000	-.2325
5.000	.0000
6.000	-.2133
7.000	-.2150
8.000	-.2200
9.000	-.0767
10.000	-.0393
11.000	-.2367
12.000	-.2428
13.000	-.2120
14.000	.2172
15.000	.0751
16.000	-.2567
17.000	-.2980
18.000	-.2810
19.000	-.2596
20.000	-.2561
21.000	-.2508
22.000	-.2600

IA68 C1 F1 M2(1) BASE REGIONS (RF4B12) (18 APR 74)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

BETA = .000

MACH (1) = 1.223 ALPHA (1) = .000 RN/L = 7.300

SECTION (1)BASE

DEPENDENT VARIABLE CP

X/L 1.0000

TAP NO	
1.000	-.2964
2.000	-.2860
3.000	-.2893
4.000	-.2859
5.000	.0000
6.000	-.3620
7.000	-.3801
8.000	-.3883
9.000	-.1140
10.000	-.1438
11.000	-.4067
12.000	-.4077
13.000	-.3740
14.000	.0801
15.000	-.1554
16.000	-.4310
17.000	-.4482
18.000	-.4545
19.000	-.4404
20.000	-.4175
21.000	-.4133
22.000	-.4357

IA68 C1 F1 UPPER WING SURFACE (RF4UD1) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0060

PARAMETRIC DATA

BETA = .000

MACH (1) = .863 ALPHA (1) = .000 RN/L = 6.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4986	.6380	.7770
X/C				
.102		-.1653		
.301		-.4044		
.500	-.2891	-.4121	-.6088	-.7001
.700		-.1776		
.899		-.0820		

IA68 C1 F1 UPPER WING SURFACE (RF4U02) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH .(1) = .856 ALPHA (1) = -4.000 RNVL = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.108		.1007		
.301		-.3118		
.500	-.2208	-.3091	-.4615	-.6226
.700		-.3240		
.899		-.1444		

MACH (1) = .856 ALPHA (2) = -2.000 RNVL = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0044		
.301		-.3581		
.500	-.2464	-.3595	-.5277	-.6968
.700		-.3722		
.899		-.1122		

MACH (1) = .856 ALPHA (3) = -.080 RNVL = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1109		
.301		-.4783		
.500	-.2984	-.3667	-.5908	-.7808
.700		-.3965		
.899		-.0992		

1A68 C1 F1 UPPER WING SURFACE (RF4U32)

MACH (1) = .896 ALPHA (4) = 1.800 RN/L = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/S	.3610	.4996	.6380	.7770
X/C				
.102		-.2227		
.301		-.5992		
.500	-.3448	-.3878	-.6729	-.7973
.700		-.3946		
.899		-.1002		

MACH (1) = .896 ALPHA (5) = 3.670 RN/L = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/S	.3610	.4996	.6380	.7770
X/C				
.102		-.3395		
.301		-.6855		
.500	-.3878	-.4355	-.7537	-.7804
.700		-.3296		
.899		-.1074		

MACH (2) = 1.211 ALPHA (1) = -3.910 RN/L = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/S	.3610	.4996	.6380	.7770
X/C				
.102		.1513		
.301		-.1862		
.500	-.2870	-.0579	-.1877	-.2948
.700		.0234		
.899		-.1045		

MACH (2) = 1.211 ALPHA (2) = -1.630 RN/L = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/S	.3610	.4996	.6380	.7770
X/C				
.102		.0601		
.301		-.2477		
.500	-.0975	-.1546	-.3880	-.4079
.700		.0166		
.899		-.1041		

IA68 C1 F1 UPPER WING SURFACE (RF4UU2)

MACH (2) = 1.211 ALPHA (3) = .150 RN/L = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0291		
.301		-.3205		
.500	-.1329	-.2966	-.3997	-.4767
.700		.0052		
.899		-.1157		

MACH (2) = 1.211 ALPHA (4) = 2.120 RN/L = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1749		
.301		-.3819		
.500	-.2002	-.4034	-.4815	-.5494
.700		-.0899		
.899		-.1341		

MACH (2) = 1.211 ALPHA (5) = 4.050 RN/L = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		-.2131		
.301		-.4317		
.500	-.2637	-.4625	-.5403	-.6173
.700		-.0821		
.899		-.1695		

MACH (3) = 1.503 ALPHA (1) = -3.680 RN/L = 9.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		.1677		
.301		-.1574		
.500	-.1425	-.2526	-.2837	-.2782
.700		.0318		
.899		.0247		

IA68 C1 F1 UPPER WING SURFACE (RF4U02)

MACH (3) = 1.503 ALPHA (2) = -1.690 RN/L = 9.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4986	.6360	.7770
X/C				
.102		.1086		
.301		-.2077		
.500	-.2096	-.2985	-.3283	-.3821
.700		-.0458		
.899		.0074		

MACH (3) = 1.503 ALPHA (3) = .120 RN/L = 9.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4986	.6360	.7770
X/C				
.102		.0542		
.301		-.2369		
.500	-.2365	-.3346	-.3679	-.3860
.700		-.0845		
.899		-.0092		

MACH (3) = 1.503 ALPHA (4) = 2.010 RN/L = 9.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4986	.6360	.7770
X/C				
.102		-.0085		
.301		-.2761		
.500	-.2889	-.3682	-.3912	-.4018
.700		-.1408		
.899		-.0163		

MACH (3) = 1.503 ALPHA (5) = 3.950 RN/L = 9.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4986	.6360	.7770
X/C				
.102		-.0082		
.301		-.3087		
.500	-.2915	-.3969	-.4258	-.4098
.700		-.1673		
.899		-.0943		

IA68 C1 F1 UPPER WING SURFACE (RF4U02)

MACH (4) = 1.991 ALPHA (1) = -3.770 RNVL = 10.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1626		
.301		-.0697		
.500	-.1038	-.1570	-.1619	-.1467
.700		-.0865		
.899		-.0009		

MACH (4) = 1.991 ALPHA (2) = -1.960 RNVL = 10.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1111		
.301		-.1031		
.500	-.1279	-.1855	-.1814	-.1725
.700		-.1289		
.899		-.0578		

MACH (4) = 1.991 ALPHA (3) = .020 RNVL = 10.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.10[illegible]		.0668		
.301		-.1367		
.500	-.1542	-.2089	-.2055	-.2025
.7[illegible]0		-.1603		
.899		-.0725		

MACH (4) = 1.991 ALPHA (4) = 2.050 RNVL = 10.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0101		
.301		-.1628		
.500	-.1730	-.2328	-.2341	-.2267
.700		-.1824		
.899		-.1075		

IA68 C3 F3 UPPER WING SURFACE (8F4.0)

MACH (4) = 1.981 ALPHA (5) = 4.080 RN/L = 10.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3810	.4906	.6380	.7770
X/C				
.102		-.0802		
.301		-.2010		
.500	-.1968	-.2529	-.2685	-.2520
.700		-.2148		
.899		-.1339		

IA68 C1 F1 UPPER WING SURFACE (RF4U33) (19 APR 76)

REFERENCE DATA

SREF = 2880.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .800 BETA (1) = -3.750 RN/L = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4986	.6380	.7770
X/C				
.102		.0000		
.301		-.6062		
.500	-.2369	-.3942	-.6078	-.7543
.700		-.1758		
.899		-.0806		

MACH (1) = .899 BETA (2) = -1.880 RN/L = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4986	.6380	.7770
X/C				
.102		.0000		
.301		-.5628		
.500	-.2980	-.3501	-.6321	-.8009
.700		-.3524		
.899		-.0876		

MACH (1) = .899 BETA (3) = .050 RN/L = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4998	.6380	.7770
X/C				
.102		.0000		
.301		-.5048		
.500	-.3072	-.3634	-.6041	-.7943
.700		-.4028		
.899		-.1050		

IA68 C1 F1 UPPER WING SURFACE (8F4.3)

MACH (1) = .899 BETA (4) = 1.970 RNVL = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		.0330		
.301		-.4353		
.500	-.3809	-.3807	-.5879	-.7674
.700		-.4373		
.899		-.1409		

MACH (1) = .899 BETA (5) = 3.970 RNVL = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		.0330		
.301		-.3976		
.500	-.3870	-.4076	-.5750	-.7846
.700		-.4627		
.899		-.1656		

MACH (2) = 1.211 BETA (1) = -3.850 RNVL = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0301		
.301		-.3760		
.500	-.2181	-.4294	-.4726	-.5036
.700		.0345		
.899		-.0845		

MACH (2) = 1.211 BETA (2) = -1.900 RNVL = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0339		
.301		-.3524		
.500	-.1622	-.3745	-.4371	-.4984
.700		.0231		
.899		-.0879		

IA68 C1 F1 UPPER WING SURFACE (RF4U03)

MACH (2) = 1.211 BETA (3) = .000 RNVL = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0310		
.301		-.3149		
.500	-.1243	-.2727	-.3981	-.4802
.700		.0068		
.899		-.1123		

MACH (2) = 1.211 BETA (4) = 1.980 RNVL = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0206		
.301		-.2713		
.500	-.1268	-.1883	-.3579	-.4646
.700		-.0238		
.899		-.1434		

MACH (2) = 1.211 BETA (5) = 3.920 RNVL = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0045		
.301		-.2343		
.500	-.1310	-.1871	-.3155	-.4307
.700		-.0560		
.899		-.1686		

MACH (3) = 1.503 BETA (1) = -3.910 RNVL = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0701		
.301		-.2406		
.500	-.2427	-.3434	-.3613	-.3548
.700		-.1639		
.899		.0009		

IA68 C1 F1 UPPER WING SURFACE (RF4U33)

MACH (3) = 1.503 BETA (2) = -1.980 RN/L = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0579		
.301		-.2405		
.500	-.2439	-.3380	-.3607	-.3542
.700		-.0954		
.899		-.0039		

MACH (3) = 1.503 BETA (3) = -.070 RN/L = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0604		
.301		-.2374		
.500	-.2307	-.3292	-.3550	-.3543
.700		-.0880		
.899		.0001		

MACH (3) = 1.503 BETA (4) = 1.910 RN/L = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0566		
.301		-.2366		
.500	-.1634	-.3030	-.3612	-.3593
.700		-.0727		
.899		-.0320		

MACH (3) = 1.503 BETA (5) = 3.980 RN/L = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0216		
.301		-.2207		
.500	-.1320	-.2634	-.3356	-.3564
.700		-.0665		
.899		-.0560		

IA68 C1 F1 UPPER WING SURFACE (RF4U33)

MACH (4) = 1.991 BETA (1) = -3.830 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0766		
.301		-.1505		
.500	-.1623	-.2094	-.2191	-.1979
.700		-.2051		
.899		-.0749		

MACH (4) = 1.991 BETA (2) = -1.900 RN/L = 13.807

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0446		
.301		-.1463		
.500	-.1619	-.2176	-.2196	-.2081
.700		-.1827		
.899		-.0711		

MACH (4) = 1.991 BETA (3) = .050 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0573		
.301		-.1455		
.500	-.1594	-.2145	-.2112	-.2081
.700		-.1692		
.899		-.0791		

MACH (4) = 1.991 BETA (4) = 2.070 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0429		
.301		-.1372		
.500	-.1452	-.2044	-.2072	-.2047
.700		-.1272		
.899		-.0758		

IA68 C1 F1 UPPER WING SURFACE (RF4U33)

MACH (4) = 1.991 BETA (5) = 3.690 RNYL = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		.0578		
.301		-.1312		
.500	-.1400	-.1974	-.2096	-.1997
.700		-.1204		
.899		-.0718		

IA68 C1 F1 M1.(1) UPPER WING SURFACE (RF4U04) (10 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .696 ALPHA (1) = -3.870 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.0814		
.301		-.3256		
.500	-.2289	-.3286	-.4819	-.6531
.700		-.3677		
.899		-.1674		

MACH (1) = .696 ALPHA (2) = -2.000 RN/L = 6.500

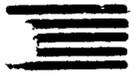
SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.0000		
.301		.0000		
.500	.0000	.0000	.0000	.0000
.700		.0000		
.899		.0000		

MACH (1) = .696 ALPHA (3) = .000 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.0000		
.301		.0000		
.500	.0000	.0000	.0000	.0000
.700		.0000		
.899		.0000		



1A68 C1 F1 M1(1) UPPER WING SURFACE (RF4U34)

MACH (1) = .696 ALPHA (4) = 2.000 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4996	.6380	.7770
X/C				
.102		.0000		
.301		.0000		
.500	.0000	.0000	.0000	.0000
.700		.0000		
.899		.0000		

MACH (1) = .696 ALPHA (5) = 304.000 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4996	.6380	.7770
X/C				
.102		.0000		
.301		.0000		
.500	.0000	.0000	.0000	.0000
.700		.0000		
.899		.0000		

MACH (2) = 1.211 ALPHA (1) = -3.910 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4996	.6380	.7770
X/C				
.102		.1502		
.301		-.1809		
.500	-.0187	-.0529	-.1955	-.3064
.700		.0263		
.899		-.1042		

MACH (2) = 1.211 ALPHA (2) = -1.930 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4996	.6380	.7770
X/C				
.102		.0729		
.301		-.2450		
.500	-.0743	-.1440	-.3213	-.4141
.700		.0228		
.899		-.1045		

1A68 C1 F1 M1(1) UPPER WING SURFACE (RF4U01)

MACH (2) = 1.211 ALPHA (3) = .000 RNVL = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0088		
.301		-.3121		
.500	-.1211	-.2895	-.3998	-.4753
.700		.0051		
.899		-.1214		

MACH (2) = 1.211 ALPHA (4) = 1.930 RNVL = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0882		
.301		-.3686		
.500	-.1783	-.3876	-.4696	-.5372
.700		-.0233		
.899		-.1348		

MACH (2) = 1.211 ALPHA (5) = 3.900 RNVL = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1695		
.301		-.4218		
.500	-.2490	-.4542	-.5311	-.6018
.700		-.0695		
.899		-.1587		

MACH (3) = 1.503 ALPHA (1) = -3.960 RNVL = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1369		
.301		-.1594		
.500	-.1468	-.2536	-.2919	-.2882
.700		.0280		
.899		.0346		

IA68 C1 F1 M1(1) UPPER WING SURFACE (RF4U34)

MACH (3) = 1.503 ALPHA (2) = -1.870 RNVL = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		.0694		
.301		-.2053		
.500	-.1960	-.2992	-.3296	-.3847
.700		-.0334		
.899		.0138		

MACH (3) = 1.503 ALPHA (3) = .070 RNVL = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		.0361		
.301		-.2444		
.500	-.2598	-.3374	-.3620	-.3820
.700		-.0856		
.899		.0027		

MACH (3) = 1.503 ALPHA (4) = 1.990 RNVL = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0105		
.301		-.2774		
.500	-.2586	-.3617	-.3917	-.4084
.700		-.1404		
.899		-.0435		

MACH (3) = 1.503 ALPHA (5) = 3.930 RNVL = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0948		
.301		-.3091		
.500	-.2986	-.3965	-.4254	-.4027
.700		-.1469		
.899		-.0806		

1A68 C1 F1 M1(1) UPPER WING SURFACE (RF4U01)

MACH (4) = 1.991 ALPHA (1) = -3.910 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.1623		
.301		-.0750		
.500	-.1077	-.1616	-.1640	-.1510
.700		-.0897		
.899		-.0365		

MACH (4) = 1.991 ALPHA (2) = -2.000 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.1100		
.301		-.1052		
.500	-.1283	-.1879	-.1827	-.1768
.700		-.1331		
.899		-.0802		

MACH (4) = 1.991 ALPHA (3) = -.080 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.0655		
.301		-.1418		
.500	-.1532	-.2107	-.2069	-.2001
.700		-.1803		
.899		-.0891		

MACH (4) = 1.991 ALPHA (4) = 1.910 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.0149		
.301		-.1661		
.500	-.1728	-.2336	-.2353	-.2331
.700		-.1843		
.899		-.1050		

IA68 C1 F1 M1(1) UPPER WING SURFACE (REFAUX4)

MACH (4) = 1.991 ALPHA (5) = 3.650 RNVL = 13.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4986	.6380	.7770
X/C				
.102		-.0584		
.301		-.1965		
.500	-.1886	-.2530	-.2638	-.2546
.700		-.2084		
.899		-.1316		

1A68 C1 F1 M1(1) UPPER WING SURFACE (RF4U35) (18 APR 74)

REFERENCE DATA

SREF = 2560.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0080

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .695 BETA (1) = -3.860 RN/L = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		.0000		
.301		-.6644		
.500	-.2518	-.3.96	-.6087	-.7870
.700		-.1529		
.899		-.0803		

MACH (1) = .695 BETA (2) = -1.860 RN/L = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		.0000		
.301		-.5907		
.500	-.2858	-.3442	-.6381	-.8201
.700		-.3622		
.899		-.0868		

MACH (1) = .695 BETA (3) = .030 RN/L = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		.0000		
.301		-.4974		
.500	-.3123	-.3665	-.5997	-.8002
.700		-.4127		
.899		-.1267		

1A68 C1 F1 M1(1) UPPER WING SURFACE (RF4U05)

MACH (1) = .896 BETA (4) = 1.960 RNVL = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4986	.6360	.7770
X/C				
.102		.0000		
.301		-.3888		
.500	-.3821	-.3859	-.5697	-.7539
.700		-.4468		
.899		-.2126		

MACH (1) = .896 BETA (5) = 3.960 RNVL = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4986	.6360	.7770
X/C				
.102		.0000		
.301		-.3698		
.500	-.3285	-.4125	-.5619	-.7372
.700		-.4740		
.899		-.2665		

MACH (2) = 1.209 BETA (1) = -3.860 RNVL = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4986	.6360	.7770
X/C				
.102		.0000		
.301		-.3824		
.500	-.2769	-.4561	-.5009	-.5386
.700		.0430		
.899		-.0511		

MACH (2) = 1.209 BETA (2) = -1.860 RNVL = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4986	.6360	.7770
X/C				
.102		.0000		
.301		-.3448		
.500	-.1642	-.3935	-.4420	-.4986
.700		.0259		
.899		-.0801		

IA68 C1 F1 M1(1) UPPER WING SURFACE (RF4U35)

MACH (2) = 1.209 BETA (3) = -.040 RNVL = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.0000		
.301		-.3075		
.500	-.1167	-.2528	-.4010	-.4797
.700		-.0006		
.899		-.1232		

MACH (2) = 1.209 BETA (4) = 1.870 RNVL = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.0000		
.301		-.2567		
.500	-.1137	-.1795	-.3403	-.4452
.700		-.0362		
.899		-.1593		

MACH (2) = 1.209 BETA (5) = 3.920 RNVL = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.0000		
.301		-.1651		
.500	-.1356	-.1852	-.2662	-.3994
.700		-.0766		
.899		-.1657		

MACH (3) = 1.503 BETA (1) = -3.970 RNVL = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.0620		
.301		-.2462		
.500	-.2418	-.3427	-.3695	-.3710
.700		-.1572		
.899		-.0015		

IA68 C1 F1 M1(1) UPPER WING SURFACE (DEFAULTS)

MACH (3) = 1.503 BETA (2) = -2.050 RNVL = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4996	.6380	.7770
X/C				
.102		.0325		
.301		-.2473		
.500	-.2465	-.3414	-.3697	-.3680
.700		-.1411		
.899		-.0048		

MACH (3) = 1.503 BETA (3) = -.130 RNVL = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4996	.6380	.7770
X/C				
.102		.0295		
.301		-.2432		
.500	-.2378	-.3328	-.3686	-.3636
.700		-.0954		
.899		.0042		

MACH (3) = 1.503 BETA (4) = 1.800 RNVL = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4996	.6380	.7770
X/C				
.102		.0177		
.301		-.2363		
.500	-.1463	-.2993	-.3533	-.3628
.700		-.0745		
.899		-.0951		

MACH (3) = 1.503 BETA (5) = 3.840 RNVL = 9.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4996	.6380	.7770
X/C				
.102		.0017		
.301		-.2111		
.500	-.1102	-.2114	-.3179	-.3515
.700		-.0709		
.899		-.0619		

IA68 C1 F1 M1(1) UPPER WING SURFACE (RF4U25)

MACH (4) = 1.991 BETA (1) = -3.790 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0870		
.301		-.1499		
.500	-.1606	-.2315	-.2194	-.2015
.700		-.2075		
.899		-.0707		

MACH (4) = 1.991 BETA (2) = -1.870 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0835		
.301		-.1485		
.500	-.1594	-.2210	-.2219	-.2127
.700		-.1816		
.899		-.0661		

MACH (4) = 1.991 BETA (3) = -.010 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0565		
.301		-.1460		
.500	-.1572	-.2141	-.2127	-.2145
.700		-.1665		
.899		-.0765		

MACH (4) = 1.991 BETA (4) = 1.950 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0521		
.301		-.1344		
.500	-.1421	-.2024	-.2074	-.2051
.700		-.1233		
.899		-.0737		

IA68 C1 F1 M1(1) UPPER WING SURFACE (RF4U35)

MACH (4) = 1.991 BETA (5) = 3.790 RN/L = 13.879

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0431		
.301		-.1274		
.500	-.1359	-.1920	-.2080	-.2000
.700		-.1169		
.899		-.0704		

DATE 01 OCT 74 TABULATED SOURCE DATA, R.I. TMT 281 - 1A68

1A68 C1 FI M2(1) UPPER WING SURFACE (GF4U36) (1ST APR 74)

REFERENCE DATA

PARAMETRIC DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
UREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

BETA = .000

MACH (1) = .896 ALPHA (1) = .000 RNVL = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1092		
.301		-.5882		
.500	-.3499	-.3985	-.6323	-.8412
.700		-.4201		
.899		-.3506		

MACH (2) = 1.223 ALPHA (1) = .000 RNVL = 7.300

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0939		
.301		-.3492		
.500	-.1308	-.3556	-.4256	-.4427
.700		-.0092		
.899		-.0695		

IA68 C1 F1 M2(1) + FILLET UPPER WING SURFACE (RF4U07) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .896 ALPHA (1) = -3.870 RN/L = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1333		
.301		-.3022		
.500	-.2373	-.3325	-.4682	-.6301
.700		-.3925		
.899		-.2104		

MACH (1) = .896 ALPHA (2) = -1.920 RN/L = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0216		
.301		-.3521		
.500	-.2576	-.3676	-.5255	-.6970
.700		-.4097		
.899		-.2036		

MACH (1) = .896 ALPHA (3) = .000 RN/L = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1033		
.301		-.4568		
.500	-.3023	-.3767	-.5046	-.7053
.700		-.4187		
.899		-.1627		

1A68 C1 F1 M2(1) + FILLET UPPER WING SURFACE (RF4U37)

MACH (1) = .896 ALPHA (4) = 1.890 RN/L = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.2355		
.301		-.6196		
.500	-.3576	-.4053	-.6852	-.8694
.700		-.4251		
.899		-.1156		

MACH (1) = .896 ALPHA (5) = 3.790 RN/L = 6.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.3794		
.301		-.7167		
.500	-.4032	-.4742	-.7871	-.7298
.700		-.3285		
.899		-.1324		

MACH (2) = 1.206 ALPHA (1) = -3.950 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2436		
.301		-.0402		
.500	.0213	.0113	-.0762	-.1967
.700		.0175		
.899		-.1107		

MACH (2) = 1.206 ALPHA (2) = -2.000 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1365		
.301		-.1975		
.500	-.0371	-.0687	-.1687	-.3065
.700		.0058		
.899		-.1218		

IA68 C1 F1 M2(1) + FILLET UPPER WING SURFACE (RF4U07)

MACH (2) = 1.206 ALPHA (3) = -.070 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0420		
.301		-.2634		
.500	-.1044	-.1731	-.3509	-.4322
.700		-.0321		
.899		-.1215		

MACH (2) = 1.206 ALPHA (4) = 1.870 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0655		
.301		-.3399		
.500	-.1737	-.3562	-.4445	-.5159
.700		-.0187		
.899		-.1405		

MACH (2) = 1.206 ALPHA (5) = 3.850 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.1648		
.301		-.4140		
.500	-.2671	-.4638	-.5294	-.6110
.700		-.0738		
.899		-.1718		

MACH (3) = 1.503 ALPHA (1) = -3.850 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1586		
.301		-.1244		
.500	-.0273	-.1529	-.2351	-.2536
.700		.0836		
.899		.0214		

1A68 C1 F1 M2(1) + FILLET UPPER WING SURFACE (RF4U07)

MACH (3) = 1.503 ALPHA (2) = -1.900 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0794		
.301		-.1627		
.500	-.0827	-.2408	-.2924	-.3044
.700		.0222		
.899		.0082		

MACH (3) = 1.503 ALPHA (3) = .010 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0278		
.301		-.2353		
.500	-.1486	-.2938	-.3466	-.3555
.700		-.0455		
.899		-.0046		

MACH (3) = 1.503 ALPHA (4) = 1.940 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0213		
.301		-.2804		
.500	-.2315	-.3481	-.3924	-.3968
.700		-.0850		
.899		-.0368		

MACH (3) = 1.503 ALPHA (5) = 3.810 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1005		
.301		-.3145		
.500	-.2755	-.3914	-.4262	-.4052
.700		-.1165		
.899		-.0798		

IA68 C1 F1 ME(1) + FILLET UPPER WING SURFACE (RF4U07)

MACH (4) = 1.991 ALPHA (1) = -4.080 RNVL = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1660		
.301		-.0909		
.500	-.0809	-.1394	-.1533	-.1355
.700		-.0556		
.899		.0255		

MACH (4) = 1.991 ALPHA (2) = -1.900 RNVL = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1064		
.301		-.0946		
.500	-.1189	-.1709	-.1602	-.1696
.700		-.0926		
.899		-.0142		

MACH (4) = 1.991 ALPHA (3) = .100 RNVL = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4999	.6360	.7770
X/C				
.102		.0558		
.301		-.1346		
.500	-.1477	-.2051	-.2016	-.1999
.700		-.1406		
.899		-.0646		

MACH (4) = 1.991 ALPHA (4) = 2.120 RNVL = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0050		
.301		-.1663		
.500	-.1729	-.2314	-.2370	-.2302
.700		-.1768		
.899		-.1005		

IA68 C1 F1 NR(1) + FILLET UPPER WING SURFACE (RF4U07)

MACH (4) = 1.991 ALPHA (5) = 4.070 RN/L = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0833		
.301		-.2087		
.500	-.1938	-.2506	-.2664	-.2544
.700		-.2251		
.899		-.1446		

IA68 C1 F1 M2(1) + FILLET UPPER WING SURFACE (RF4U08) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .696 BETA (1) = -3.930 RNVL = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1861		
.301		-.5988		
.500	-.2430	-.3452	-.6130	-.8211
.700		-.3284		
.899		-.0859		

MACH (1) = .696 BETA (2) = -1.950 RNVL = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1501		
.301		-.5483		
.500	-.2809	-.3525	-.6140	-.8063
.700		-.3620		
.899		-.0865		

MACH (1) = .696 BETA (3) = -.050 RNVL = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1117		
.301		-.4813		
.500	-.3035	-.3720	-.5917	-.7956
.700		-.4146		
.899		-.1483		

IA68 C1 F1 MB(1) + FILLET UPPER WING SURFACE (RF4U08)

MACH (1) = .896 BETA (4) = 1.660 RN/L = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0885		
.301		-.4235		
.500	-.3808	-.3934	-.5774	-.7769
.700		-.4422		
.899		-.2288		

MACH (1) = .896 BETA (5) = 3.810 RN/L = 6.700

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0582		
.301		-.4050		
.500	-.3329	-.4109	-.5747	-.7645
.700		-.4684		
.899		-.2326		

MACH (2) = 1.210 BETA (1) = -3.660 RN/L = 7.500

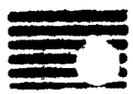
SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0009		
.301		-.3162		
.500	-.1114	-.3576	-.4049	-.4641
.700		.0448		
.899		-.0745		

MACH (2) = 1.210 BETA (2) = -1.630 RN/L = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0143		
.301		-.3008		
.500	-.1174	-.3170	-.3899	-.4472
.700		.0302		
.899		-.0917		



IA68 C1 F1 M2(1) + FILLET UPPER WING SURFACE (6F4.0,8)

MACH (2) = 1.210 BETA (3) = .140 RN/L = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0268		
.301		-.2680		
.500	-.1085	-.1652	-.3093	-.4457
.700		-.0051		
.899		-.1257		

MACH (2) = 1.210 BETA (4) = 2.130 RN/L = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0453		
.301		-.2436		
.500	-.1028	-.1537	-.3167	-.4134
.700		-.0342		
.899		-.1516		

MACH (2) = 1.210 BETA (5) = 4.070 RN/L = 7.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0614		
.301		-.1880		
.500	-.1275	-.1692	-.2720	-.3601
.700		-.0564		
.899		-.1695		

MACH (3) = 1.991 BETA (1) = -3.800 RN/L = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0686		
.301		-.1372		
.500	-.1539	-.2186	-.2123	-.1936
.700		-.1674		
.899		-.0566		

IA68 C1 F1 M2(1) + FILLET UPPER WING SURFACE (6F4.0,D3)

MACH (3) = 1.991 BETA (2) = -1.760 RN/L = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0800		
.301		-.1383		
.500	-.1529	-.2061	-.2105	-.2089
.700		-.1617		
.899		-.0630		

MACH (3) = 1.991 BETA (3) = .210 RN/L = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0897		
.301		-.1346		
.500	-.1491	-.2047	-.2037	-.2001
.700		-.1449		
.899		-.0637		

MACH (3) = 1.991 BETA (4) = 2.160 RN/L = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0535		
.301		-.1280		
.500	-.1424	-.1970	-.2038	-.1969
.700		-.1191		
.899		-.0602		

MACH (3) = 1.991 BETA (5) = 4.060 RN/L = 10.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0425		
.301		-.1245		
.500	-.1129	-.1861	-.2073	-.1964
.700		-.1026		
.899		-.0478		

IA68 C1 F1 M3(1) M4(1) UPPER WING SURFACE (6F4.0,I3) (16 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .896 ALPHA (1) = -3.900 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0278		
.301		-.4845		
.500	-.2616	-.3636	-.5370	-.7042
.700		-.3663		
.899		-.3085		

MACH (1) = .896 ALPHA (2) = -1.940 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.1227		
.301		-.6108		
.500	-.3108	-.3990	-.5693	-.7804
.700		-.3993		
.899		-.3234		

MACH (1) = .896 ALPHA (3) = .000 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.2146		
.301		-.6855		
.500	-.3734	-.4228	-.7246	-.8955
.700		-.4129		
.899		-.2934		

IA68 C1 F1 MS(1) M6(1) UPPER WING SURFACE (RF4U39)

MACH (1) = .896 ALPHA (4) = 1.910 RNVL = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.3034		
.301		-.7916		
.500	-.4252	-.4800	-.8836	-.9077
.700		-.4159		
.899		-.2085		

MACH (1) = .896 ALPHA (5) = 3.840 RNVL = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.3666		
.301		-.8448		
.500	-.4900	-.6024	-.8843	-.8165
.700		-.3789		
.899		-.2163		

MACH (2) = 1.209 ALPHA (1) = -3.940 RNVL = 7.200

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2220		
.301		-.2366		
.500	-.1391	-.3049	-.3580	-.4455
.700		.0181		
.899		-.1188		

MACH (2) = 1.209 ALPHA (2) = -1.960 RNVL = 7.200

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1526		
.301		-.2695		
.500	-.2199	-.3659	-.4166	-.4652
.700		.0013		
.899		-.1214		

IA68 C1 F1 MS(1) M4(1) UPPER WING SURFACE (RF4U09)

MACH (2) = 1.208 ALPHA (3) = -.030 RN/L = 7.200

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0869		
.301		-.3083		
.500	-.3084	-.4336	-.4898	-.5265
.700		-.0563		
.899		-.1292		

MACH (2) = 1.208 ALPHA (4) = 1.900 RN/L = 7.200

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0204		
.301		-.3608		
.500	-.3777	-.4725	-.5335	-.5687
.700		-.0944		
.899		-.1336		

MACH (2) = 1.209 ALPHA (5) = 3.880 RN/L = 7.200

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0543		
.301		-.3947		
.500	-.4216	-.5097	-.5737	-.6143
.700		-.1242		
.899		-.1526		

MACH (3) = 1.503 ALPHA (1) = -3.890 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2202		
.301		-.1225		
.500	-.1969	-.2522	-.2671	-.2631
.700		-.0399		
.899		.0236		

IA68 C1 F1 MS(1) M6(1) UPPER WING SURFACE (RF4L09)

MACH (3) = 1.503 ALPHA (2) = -1.620 RNVL = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1561		
.301		-.1564		
.500	-.2169	-.2747	-.3009	-.2956
.700		-.0874		
.899		-.0072		

MACH (3) = 1.503 ALPHA (3) = .120 RNVL = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1068		
.301		-.2002		
.500	-.2370	-.3020	-.3294	-.3305
.700		-.1482		
.899		-.0398		

MACH (3) = 1.503 ALPHA (4) = 2.120 RNVL = 9.600

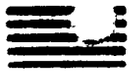
SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0591		
.301		-.2325		
.500	-.2530	-.3234	-.3603	-.3668
.700		-.2071		
.899		-.0802		

MACH (3) = 1.503 ALPHA (5) = 4.080 RNVL = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0054		
.301		-.2627		
.500	-.2695	-.3500	-.3900	-.4045
.700		-.2697		
.899		-.1058		



IA68 C1 F1 M3(1) M4(1) UPPER WING SURFACE (RF4U10) (16 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .897 BETA (1) = -3.920 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1474		
.301		-.6425		
.500	-.3077	-.3720	-.6701	-.6460
.700		-.3722		
.899		-.0761		

MACH (1) = .897 BETA (2) = -1.970 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1877		
.301		-.6717		
.500	-.3500	-.4056	-.7099	-.6873
.700		-.3994		
.899		-.1472		

MACH (1) = .897 BETA (3) = -.050 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.2322		
.301		-.7072		
.500	-.3630	-.4357	-.7494	-.9111
.700		-.4163		
.899		-.2492		

IA68 C(F1 NS(1) M(1) UPPER WING SURFACE (RF4U10)

MACH (1) = .897 BETA (4) = 1.630 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.2640		
.301		-.7555		
.500	-.4014	-.4488	-.7259	-.9340
.700		-.4440		
.899		-.3599		

MACH (1) = .897 BETA (5) = 3.640 RN/L = 6.500

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.361[illegible]	.4380	.7770
X/C			
.10[illegible]			
.30[illegible]			
[illegible]		615	-.9359
[illegible]			

MACH (2 (1) = -3.930 RN/L = 7.400

SECTION ([illegible] DEPENDENT VARIABLE CP

2Y/B	.3610	.[illegible]996	.[illegible]380	.7770
X/C				
.102		.1750		
.301		-.2705		
.500	-.1883	-.3659	-.4131	-.4976
.700		.0398		
.899		-.0799		

MACH (2) = 1.210 BETA (2) = -2.070 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1382		
.301		-.2899		
.500	-.2479	-.4079	-.4571	-.5178
.700		-.0054		
.899		-.1081		

IA68 C1 F1 MS(1) M4(1) UPPER WING SURFACE (RF4U10)

MACH (2) = 1.210 BETA (3) = -.130 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0808		
.301		-.3052		
.500	-.3003	-.4341	-.4908	-.5306
.700		-.0534		
.899		-.1320		

MACH (2) = 1.210 BETA (4) = 1.620 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0161		
.301		-.3382		
.500	-.3572	-.4598	-.5137	-.5489
.700		-.0923		
.899		-.1540		

MACH (2) = 1.210 BETA (5) = 3.780 RN/L = 7.400

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0600		
.301		-.3794		
.500	-.4183	-.4988	-.5439	-.5784
.700		-.1317		
.899		-.1936		

1A68 C1 F1 M1(1) UPPER WING SURFACE (RF4U11) (19 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = 1.503 ALPHA (1) = -3.700 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0823		
.301		-.3024		
.500	-.2771	-.3878	-.4209	-.4019
.700		-.1388		
.899		-.0816		

MACH (1) = 1.503 ALPHA (2) = -1.790 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0052		
.301		-.2694		
.500	-.2528	-.3563	-.3886	-.4004
.700		-.1197		
.899		-.0339		

MACH (1) = 1.503 ALPHA (3) = .120 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0638		
.301		-.2334		
.500	-.2261	-.3259	-.3560	-.3589
.700		-.0823		
.899		.0017		

IA68 C1 F1 M1(1) UPPER WING SURFACE (6F4U11)

MACH (1) = 1.503 ALPHA (4) = 2.010 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1127		
.301		-.2028		
.500	-.1962	-.2952	-.3245	-.3220
.700		-.0313		
.899		.0141		

MACH (1) = 1.503 ALPHA (5) = 4.040 RN/L = 9.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1617		
.301		-.1620		
.500	-.1577	-.2558	-.2894	-.2844
.700		.0271		
.899		.0299		

MACH (2) = 1.991 ALPHA (1) = -3.860 RN/L = 13.600

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1515		
.301		-.0763		
.500	-.1065	-.1619	-.1662	-.15.9
.700		-.0909		
.899		-.0066		

MACH (2) = 1.991 ALPHA (2) = -1.940 RN/L = 13.609

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1026		
.301		-.1091		
.500	-.1286	-.1689	-.1842	-.1763
.700		-.1302		
.899		-.0411		

IA68 C1 F1 M1(1) UPPER WING SURFACE (RF4U11)

MACH (2) = 1.991 ALPHA (3) = .000 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0675		
.301		-.1385		
.500	-.1519	-.2093	-.2047	-.2040
.700		-.1629		
.899		-.0708		

MACH (2) = 1.991 ALPHA (4) = 1.980 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0108		
.301		-.1658		
.500	-.1726	-.2322	-.2326	-.2300
.700		-.1861		
.899		-.1035		

MACH (2) = 1.991 ALPHA (5) = 3.910 RN/L = 13.800

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0473		
.301		-.1934		
.500	-.1883	-.2500	-.2599	-.2516
.700		-.2048		
.899		-.1288		

IA68 C1 F1 M2(1) UPPER WING SURFACE (6F4U12) (16 APR 74)

REFERENCE DATA

SREF = 2680.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = 1.225 ALPHA (1) = .000 RN/L = 7.300

SECTION (1)UPPER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0330		
.301		-.3468		
.500	-.1326	-.3554	-.4246	-.4422
.700		-.0086		
.899		-.0691		

IA68 C1 F1 LOWER WING SURFACE. (GF4L01) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .863 ALPHA (1) = .000 RN/L = 6.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0682		
.301		.0693		
.500	.0672	-.0007	-.0897	-.1953
.700		-.4498		

1A68 C1 F1 LOWER WING SURFACE (6F4L02) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .696 ALPHA (1) = -4.000 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0697		
.301		.0291		
.500	.0597	.0044	-.0600	-.1912
.700		-.4548		

MACH (1) = .696 ALPHA (2) = -2.000 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0127		
.301		.0549		
.500	.0898	.0174	-.0997	-.1997
.700		-.4409		

MACH (1) = .696 ALPHA (3) = -.090 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0901		
.301		.0893		
.500	.0899	.0358	-.0507	-.1500
.700		-.4312		

IA68 C1 F1 LOWER WING SURFACE (REAL*32)

MACH (1) = .696 ALPHA (4) = 1.600 RNVL = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1649		
.301		.1269		
.500	.1033	.0531	-.0373	-.1329
.700		-.4252		

MACH (1) = .696 ALPHA (5) = 3.670 RNVL = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2269		
.301		.1610		
.500	.1217	.0746	-.0217	-.1114
.700		-.4189		

MACH (2) = 1.211 ALPHA (1) = -3.910 RNVL = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0991		
.301		.1012		
.500	.2269	.2096	.2705	.2253
.700		-.0582		

MACH (2) = 1.211 ALPHA (2) = -1.630 RNVL = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1741		
.301		.1423		
.500	.2523	.2652	.3120	.2267
.700		-.0369		

IA68 C1 F1 LOWER WING SURFACE (REF4L022)

MACH (2) = 1.211 ALPHA (3) = .150 RNVL = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2573		
.301		.2361		
.500	.2847	.3008	.3120	.2514
.700		-.0257		

MACH (2) = 1.211 ALPHA (4) = 2.120 RNVL = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.3218		
.301		.2832		
.500	.2845	.2999	.2861	.2513
.700		-.0325		

MACH (2) = 1.211 ALPHA (5) = 4.030 RNVL = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.3633		
.301		.3140		
.500	.2978	.3106	.2967	.2624
.700		-.0322		

MACH (3) = 1.503 ALPHA (1) = -3.890 RNVL = 9.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7710
X/C				
.102		-.1518		
.301		.2740		
.500	.2402	.2072	.2097	.0001
.700		.0874		

IA68 C1 F1 LOWER WING SURFACE (RF4L02)

MACH (3) = 1.503 ALPHA (2) = -1.690 RN/L = 9.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0473		
.301		.2634		
.500	.2989	.2824	.2720	.0000
.700		.1105		

MACH (3) = 1.503 ALPHA (3) = .120 RN/L = 9.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0474		
.301		.2858		
.500	.3548	.3334	.3256	.0000
.700		.1228		

MACH (3) = 1.503 ALPHA (4) = 2.010 RN/L = 9.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2936		
.301		.2926		
.500	.3586	.3410	.3439	.0000
.700		.1446		

MACH (3) = 1.503 ALPHA (5) = 3.950 RN/L = 9.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.4004		
.301		.3166		
.500	.3771	.3720	.4199	.0000
.700		.1684		

IA68 C1 F1 LOWER WING SURFACE (RF4L02)

MACH (4) = 1.991 ALPHA (1) = -3.770 RN/L = 10.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0755		
.301		-.0411		
.500	.1978	.1665	.0936	.0000
.700		.1104		

MACH (4) = 1.991 ALPHA (2) = -1.960 RN/L = 10.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1165		
.301		-.0160		
.500	.2361	.2121	.1428	.0000
.700		.1294		

MACH (4) = 1.991 ALPHA (3) = .020 RN/L = 10.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1595		
.301		.0205		
.500	.2811	.2663	.2356	.0000
.700		.1742		

MACH (4) = 1.991 ALPHA (4) = 2.050 RN/L = 10.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1467		
.301		.0864		
.500	.3193	.3334	.3327	.0000
.700		.2103		

1A68 C1 F1 LOWER WING SURFACE (RF4L02)

MACH (4) = 1.991 ALPHA (5) = 4.050 RN/L = 10.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZT/B	.3610	.4996	.6380	.7770
X/C				
.102		.1951		
.301		.2916		
.500	.3590	.3670	.3614	.0000
.700		.2380		

IA60 C1 F1 LOWER WING SURFACE (RF4L03) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .699 BETA (1) = -3.750 RN/L = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1888		
.301		.1799		
.500	.2274	.1235	.0071	-.1117
.700		-.3822		

MACH (1) = .699 BETA (2) = -1.860 RN/L = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1431		
.301		.1357		
.500	.1610	.0805	-.0804	-.1334
.700		-.4085		

MACH (1) = .699 BETA (3) = .050 RN/L = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1036		
.301		.0955		
.500	.0868	.0320	-.0482	-.1517
.700		-.4341		

1A69 C1 F1 LOWER WING SURFACE (RF4L03)

MACH (1) = .899 BETA (4) = 1.970 RN/L = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0680		
.301		.0572		
.500	.0351	-.0255	-.0816	-.1762
.700		-.4617		

MACH (1) = .899 BETA (5) = 3.970 RN/L = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0683		
.301		.0519		
.500	.0314	-.0446	-.1143	-.2044
.700		-.4521		

MACH (2) = 1.. BETA (1) = -3.850 RN/L = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.3078		
.301		.3640		
.500	.4608	.4100	.3506	.2747
.700		.0317		

MACH (2) = 1.211 BETA (2) = -1.900 RN/L = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2870		
.301		.3138		
.500	.4045	.3734	.3364	.2628
.700		.0146		

IA68 C1 F1 LOWER WING SURFACE (RF4L03)

MACH (2) = 1.211 BETA (3) = .000 RNVL = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2801		
.301		.2463		
.500	.2906	.3038	.3019	.2489
.700		-.0216		

MACH (2) = 1.211 BETA (4) = 1.900 RNVL = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2685		
.301		.2428		
.500	.2312	.2188	.2423	.2191
.700		-.0851		

MACH (2) = 1.211 BETA (5) = 3.920 RNVL = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2594		
.301		.2370		
.500	.2247	.1727	.1625	.1736
.700		-.1363		

MACH (3) = 1.503 BETA (1) = -3.910 RNVL = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0729		
.301		.4205		
.500	.4747	.0000	.4784	.4559
.700		.2281		

1A68 C1 F1 LOWER WING SURFACE (RF4L03)

MACH (3) = 1.503 BETA (2) = -1.980 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0462		
.301		.3638		
.500	.4120	.0000	.4236	.4364
.700		.1939		

MACH (3) = 1.503 BETA (3) = -.070 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0812		
.301		.2919		
.500	.3637	.0000	.3394	.4198
.700		.1286		

MACH (3) = 1.503 BETA (4) = 1.910 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2201		
.301		.2605		
.500	.2896	.0000	.2412	.2949
.700		.1091		

MACH (3) = 1.503 BETA (5) = 3.980 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2801		
.301		.2463		
.500	.2465	.0000	.1981	.2100
.700		.0192		

1A68 C1 F1 LOWER WING SURFACE (RF4L03)

MACH (4) = 1.991 BETA (1) = -3.830 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1500		
.301		.0804		
.500	.3175	.2951	.0956	.0000
.700		.3498		

MACH (4) = 1.991 BETA (2) = -1.900 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1409		
.301		.0632		
.500	.2568	.2395	.0986	.0000
.700		.2974		

MACH (4) = 1.991 BETA (3) = .050 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1521		
.301		.0862		
.500	.2839	.2805	.2552	.0000
.700		.1801		

MACH (4) = 1.991 BETA (4) = 2.020 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1091		
.301		.1085		
.500	.2373	.2565	.2565	.0000
.700		.1460		

IA68 C1 F1 - LOWER WING SURFACE (RF4L03)

MACH (4) = 1.991 BETA (5) = 3.690 RN/L = 13.600

SECTION (2)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6360	.7770
X/C				
.102		.0872		
.301		.1967		
.500	.2806	.2137	.2120	.0000
.700		.0787		

1A68 C1 F1 M1 (1) LOWER WING SURFACE (RF4L04) (18 APR 74)

REFERENCE DATA

SREF = 2680.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .696 ALPHA (1) = -3.870 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B .3610 .4996 .6360 .7770

X/C
.102 -.0981
.301 .0165
.500 .0858 .0049 -.0882 -.1979
.700 -.4548

MACH (1) = .696 ALPHA (2) = -2.000 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B .3610 .4996 .6360 .7770

X/C
.102 .0000
.301 .0000
.500 .0000 .0000 .0000 .0000
.700 .0000

MACH (1) = .696 ALPHA (3) = .000 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B .3610 .4996 .6360 .7770

X/C
.102 .0000
.301 .0000
.500 .0000 .0000 .0000 .0000
.700 .0000

1A68 C1 F1 M1(1) LOWER WING SURFACE (RF4L104)

MACH (1) = .896 ALPHA (4) = 2.000 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0000		
.301		.0000		
.500	.0000	.0000	.0000	.0000
.700		.0000		

MACH (1) = .896 ALPHA (5) = 304.000 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0000		
.301		.0000		
.500	.0000	.0000	.0000	.0000
.700		.0000		

MACH (2) = 1.211 ALPHA (1) = -3.910 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1238		
.301		.1156		
.500	.2427	.2298	.2706	.2265
.700		-.0499		

MACH (2) = 1.211 ALPHA (2) = -1.930 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1931		
.301		.1501		
.500	.2621	.2689	.3086	.2282
.700		-.0288		

1A68 C1 F1 M1(1) LOWER WING SURFACE (RF4L04)

MACH (2) = 1.211 ALPHA (3) = .000 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.2463		
.301		.1929		
.500	.2677	.2615	.2993	.2410
.700		-.0287		

MACH (2) = 1.211 ALPHA (4) = 1.930 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.3058		
.301		.2621		
.500	.2873	.2906	.2867	.2433
.700		-.0275		

MACH (2) = 1.211 ALPHA (5) = 3.900 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.3550		
.301		.2937		
.500	.2988	.3099	.2956	.2574
.700		-.0244		

MACH (3) = 1.503 ALPHA (1) = -3.960 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0724		
.301		.2709		
.500	.2796	.2596	.2736	.2264
.700		.1111		

1A68 C1 F1 M1(1) LOWER WING SURFACE (RF4LG4)

MACH (3) = 1.503 ALPHA (2) = -1.870 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z1/B	.3610	.4996	.6380	.7770
X/C				
.102		.0063		
.301		.2833		
.500	.3300	.3146	.2965	.3226
.700		.1291		

MACH (3) = 1.503 ALPHA (3) = .070 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z1/B	.3610	.4996	.6380	.7770
X/C				
.102		.0932		
.301		.2737		
.500	.3504	.3329	.3098	.3448
.700		.1227		

MACH (3) = 1.503 ALPHA (4) = 1.990 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z1/B	.3610	.4996	.6380	.7770
X/C				
.102		.2837		
.301		.2967		
.500	.3643	.3460	.3344	.3979
.700		.1446		

MACH (3) = 1.503 ALPHA (5) = 3.930 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z1/B	.3610	.4996	.6380	.7770
X/C				
.102		.4067		
.301		.2877		
.500	.3605	.3532	.3796	.4530
.700		.1405		

IA68 C1 F1 M1(1) LOWER WING SURFACE 6RF4L(34)

MACH (4) = 1.991 ALPHA (1) = -3.910 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0821		
.301		-.0397		
.500	.1978	.1740	.1028	.0000
.700		.1412		

MACH (4) = 1.991 ALPHA (2) = -2.000 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1187		
.301		.0012		
.500	.2572	.2473	.1622	.0000
.700		.1684		

MACH (4) = 1.991 ALPHA (3) = -.020 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1428		
.301		.0599		
.500	.3086	.2970	.2669	.0000
.700		.1893		

MACH (4) = 1.991 ALPHA (4) = 1.910 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1576		
.301		.1445		
.500	.3395	.3481	.3284	.0000
.700		.2145		

IA68 C1 F1 M1(1) LOWER WING SURFACE (RF4L04)

MACH (4) = 1.991 ALPHA (5) = 3.850 RN/L = 13.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1922		
.301		.3684		
.500	.3497	.3408	.2925	.0000
.700		.2107		

IA68 C1 F1 M1(1) LOWER WING SURFACE (RF4L05) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .896 BETA (1) = -3.860 RNVL = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2109		
.301		.2015		
.500	.2464	.1340	.0160	-.1053
.700		-.3790		

MACH (1) = .896 BETA (2) = -1.860 RNVL = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1471		
.301		.1523		
.500	.1990	.1002	-.0103	-.1317
.700		-.3928		

MACH (1) = .896 BETA (3) = .030 RNVL = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0597		
.301		.0773		
.500	.0776	.0306	-.0493	-.1563
.700		-.4426		

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IA68 C1 F1 M1(1) LOWER WING SURFACE (RF4L05)

MACH (1) = .896 BETA (4) = 1.960 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0081		
.301		.0317		
.500	.0165	-.0440	-.0891	-.1882
.700		-.4602		

MACH (1) = .896 BETA (5) = 3.910 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0022		
.301		.0204		
.500	.0420	-.0627	-.1513	-.2397
.700		-.4606		

MACH (2) = 1.209 BETA (1) = -3.860 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.3499		
.301		.3814		
.500	.4708	.4152	.3513	.2789
.700		.0379		

MACH (2) = 1.209 BETA (2) = -1.950 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2979		
.301		.3110		
.500	.4161	.3721	.3227	.2546
.700		.0138		

IA68 C1 F1 M1(1) LOWER WING SURFACE (RF4L05)

MACH (2) = 1.209 BETA (3) = -.040 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2584		
.301		.2016		
.500	.2702	.2613	.2670	.2402
.700		-.0292		

MACH (2) = 1.209 BETA (4) = 1.670 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2326		
.301		.2067		
.500	.2063	.1623	.1925	.1962
.700		-.1205		

MACH (2) = 1.209 BETA (5) = 3.920 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2041		
.301		.1853		
.500	.1704	.1071	.0778	.1123
.700		-.1882		

MACH (3) = 1.503 BETA (1) = -3.970 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1547		
.301		.3966		
.500	.4994	.5032	.4631	.5046
.700		.2507		

IA68 C1 F1 M1(1) LOWER WING SURFACE (RF4LU5)

MACH (3) = 1.503 BETA (2) = -2.050 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1098		
.301		.3652		
.500	.4244	.4209	.4299	.4520
.700		.2110		

MACH (3) = 1.503 BETA (3) = -.130 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1365		
.301		.2760		
.500	.3507	.3344	.3114	.3419
.700		.1161		

MACH (3) = 1.503 BETA (4) = 1.800 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2379		
.301		.2613		
.500	.2852	.2598	.2328	.2321
.700		.0907		

MACH (3) = 1.503 BETA (5) = 3.840 RN/L = 9.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2749		
.301		.2585		
.500	.2396	.1915	.1665	.1478
.700		-.0279		

1A68 C1 F1 M1(1) LOWER WING SURFACE (RE4L05)

MACH (4) = 1.991 BETA (1) = -3.790 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1646		
.301		.1127		
.500	.3766	.3901	.3002	.0000
.700		.4132		

MACH (4) = 1.991 BETA (2) = -1.870 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1606		
.301		.0773		
.500	.3089	.2902	.2226	.0000
.700		.3323		

MACH (4) = 1.991 BETA (3) = -.010 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1461		
.301		.0760		
.500	.3130	.3117	.3060	.0000
.700		.1919		

MACH (4) = 1.991 BETA (4) = 1.950 RN/L = 13.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1114		
.301		.2019		
.500	.2610	.2686	.2573	.0000
.700		.1309		

IA68 C1 F1 M1(1) LOWER WING SURFACE (RF4L05)

MACH (4) = 1.991 BETA (5) = 3.790 RN/L = 13.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1735		
.301		.2248		
.500	.2208	.2100	.2090	.0000
.700		.0592		

IA68 C1 F1 M2(1) LOWER WING SURFACE (RF4L05) (16 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .896 ALPHA (1) = .000 RNVL = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.0278		
.301		.0415		
.500	.0927	.0211	-.0753	-.1637
.700		-.4353		

MACH (2) = 1.223 ALPHA (1) = .000 RNVL = 7.300

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6360	.7770
X/C				
.102		.1705		
.301		.0763		
.500	.2091	.3092	.3331	.2461
.700		-.0145		

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IA68 C1 F1 M2(1) + FILLET LOWER WING SURFACE (RF4L07) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .896 ALPHA (1) = -3.870 RNVL = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0866		
.301		-.0213		
.500	-.0010	-.0936	-.1280	-.1998
.700		-.4781		

MACH (1) = .896 ALPHA (2) = -1.920 RNVL = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0403		
.301		.0153		
.500	.0102	-.0429	-.0796	-.1564
.700		-.4609		

MACH (1) = .896 ALPHA (3) = .000 RNVL = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0362		
.301		.0570		
.500	.0469	.0033	-.0627	-.1514
.700		-.4473		

IA68 C1 F1 M2(1) + FILLET LOWER WING SURFACE (6F4.U7)

MACH (1) = .696 ALPHA (4) = 1.890 RN/L = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1273		
.301		.1096		
.500	.0992	.0444	-.0340	-.1256
.700		-.4294		

MACH (1) = .696 ALPHA (5) = 3.790 RN/L = 6.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2134		
.301		.1633		
.500	.1489	.0799	-.0054	-.0957
.700		-.4224		

MACH (2) = 1.206 ALPHA (1) = -3.950 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1245		
.301		.1644		
.500	.1938	.1169	.1137	.1797
.700		-.1477		

MACH (2) = 1.206 ALPHA (2) = -2.000 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1737		
.301		.1951		
.500	.2195	.1684	.2299	.2309
.700		-.1049		

1A68 C1 F1 M2(1) + FILLET LOWER WING SURFACE (RF4L07)

MACH (2) = 1.206 ALPHA (3) = -.070 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.2456		
.301		.2469		
.500	.2558	.2396	.2691	.2561
.700		-.0076		

MACH (2) = 1.206 ALPHA (4) = 1.870 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.3089		
.301		.2788		
.500	.2696	.2779	.2797	.2499
.700		-.0460		

MACH (2) = 1.206 ALPHA (5) = 3.850 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		.3787		
.301		.3193		
.500	.3056	.3144	.3086	.2699
.700		-.0313		

MACH (3) = 1.503 ALPHA (1) = -3.850 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0030		
.301		.2083		
.500	.1927	.1384	.1317	.0000
.700		-.0217		

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1A68 C1 F1 M2(1) + FILLET LOWER WING SURFACE (RF4LG7)

MACH (3) = 1.503 ALPHA (2) = -1.900 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0850		
.301		.2319		
.500	.2286	.1913	.1867	.0000
.700		.0404		

MACH (3) = 1.503 ALPHA (3) = .010 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2008		
.301		.2416		
.500	.2695	.2512	.2508	.0000
.700		.1013		

MACH (3) = 1.503 ALPHA (4) = 1.940 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.3056		
.301		.2637		
.500	.3229	.3164	.3376	.0000
.700		.1419		

MACH (3) = 1.503 ALPHA (5) = 3.810 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.3696		
.301		.3125		
.500	.3812	.3915	.4541	.0000
.700		.1872		

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1A68 C1 F1 M2(1) + FILLET LOWER WING SURFACE GF4L571

MACH (4) = 1.991 ALPHA (1) = -4.080 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0462		
.301		.0888		
.500	.1607	.1987	.1604	.0000
.700		.0898		

MACH (4) = 1.991 ALPHA (2) = -1.900 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1159		
.301		.0522		
.500	.1650	.2163	.1882	.0000
.700		.1182		

MACH (4) = 1.991 ALPHA (3) = .100 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1486		
.301		.1165		
.500	.2545	.2728	.2637	.0000
.700		.1743		

MACH (4) = 1.991 ALPHA (4) = 2.120 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1653		
.301		.1471		
.500	.3161	.3296	.3296	.0000
.700		.2176		

1A68 C1 F1 M2(1) + FILLET LOWER WING SURFACE (6F4L107)

MACH (4) = 1.991 ALPHA (5) = 4.070 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

Z/B	.3610	.4996	[illegible]	.7770
X/C				
.102		.1981		
.301		.1484		
.500	.3479	.3343	.3087	.0000
.700		.2662		

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1A68 C1 F1 >2(1) + FILLET LOWER WING SURFACE (RF4L08) (18 APR 4)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .000
LREF = 1328.3000 IN. YMRP = .000
BREF = 1328.3000 IN. ZMRP = .000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .896 BETA (1) = -3.930 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1574		
.301		.1640		
.500	.2186	.1121	.0033	-.1059
.700		-.3653		

MACH (1) = .896 BETA (2) = -1.950 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0953		
.301		.1085		
.500	.1473	.0689	-.0234	-.1250
.700		-.4087		

MACH (1) = .896 BETA (3) = -.050 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0447		
.301		.0628		
.500	.0899	.0136	-.0568	-.1469
.700		-.4436		

IA69 C1 F1 M2(1) + FILLE. LOWER WING SURFACE (RF4L08)

MACH (1) = .696 BETA (4) = 1.880 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0394		
.301		.0529		
.500	.0464	-.0244	-.0818	-.1644
.700		-.4410		

MACH (1) = .696 BETA (5) = 3.810 RN/L = 6.700

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0424		
.301		.0484		
.500	.0502	-.0333	-.1177	-.1916
.700		-.4479		

MACH (2) = 1.210 BETA (1) = -3.860 RN/L = 7.900

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2919		
.301		.3269		
.500	.4193	.3658	.3511	.2740
.700		.0242		

MACH (2) = 1.210 BETA (2) = -1.830 RN/L = 7.900

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2572		
.301		.2290		
.500	.2956	.3204	.3372	.2839
.700		-.0054		

IA68 C1 F1 M2(1) + FILLET LOWER WING SURFACE (RF4L08)

MACH (2) = 1.210 BETA (3) = .140 RN/L = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2467		
.301		.2402		
.500	.2534	.2460	.2745	.2629
.700		-.0592		

MACH (2) = 1.210 BETA (4) = 2.130 RN/L = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2366		
.301		.2320		
.500	.2361	.2025	.2149	.2168
.700		-.1036		

MACH (2) = 1.210 BETA (5) = 4.070 RN/L = 7.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2258		
.301		.2162		
.500	.2106	.1756	.1644	.1761
.700		-.1413		

MACH (3) = 1.991 BETA (1) = -3.600 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1709		
.301		.0973		
.500	.3055	.2857	.1349	.0000
.700		.3202		

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IA68 C1 F1 M2(1) + FILLET LOWER WING SURFACE (RF4LD8)

MACH (3) = 1.991 BETA (2) = -1.760 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3210	.4996	.6380	.7770
X/C				
.102		.1721		
.301		.0668		
.500	.3087	.2868	.2466	.0000
.700		.2236		

MACH (3) = 1.991 BETA (3) = .210 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		.1470		
.301		.0851		
.500	.2563	.2727	.2740	.0000
.700		.1693		

MACH (3) = 1.991 BETA (4) = 2.160 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		.1149		
.301		.1605		
.500	.2300	.2191	.2613	.0000
.700		.1129		

MACH (3) = 1.991 BETA (5) = 4.060 RN/L = 10.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

ZY/B	.3610	.4996	.6380	.7770
X/C				
.102		.1038		
.301		.1917		
.500	.2134	.1998	.1994	.0000
.700		.0693		

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IA68 C1 F1 M3(1) M4(1) LOWER WING SURFACE (RF4L09) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = .896 ALPHA (1) = -3.900 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0897		
.301		.0257		
.500	.0650	.0023	-.0538	-.1591
.700		-.4536		

MACH (1) = .896 ALPHA (2) = -1.940 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.0800		
.301		.0507		
.500	.0767	.0237	-.0431	-.1507
.700		-.4421		

MACH (1) = .896 ALPHA (3) = .000 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0519		
.301		.0852		
.500	.0947	.0420	-.0402	-.1411
.700		-.4356		

IA68 C1 F1 MS(1) M4(1) LOWER WING SURFACE (RF4L09)

MACH (1) = .896 ALPHA (4) = 1.910 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1204		
.301		.1214		
.500	.1144	.0576	-.0260	-.1273
.700		-.4336		

MACH (1) = .896 ALPHA (5) = 3.860 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1611		
.301		.1541		
.500	.1308	.0731	-.0141	-.1105
.700		-.4316		

MACH (2) = 1.209 ALPHA (1) = -1.940 RN/L = 7.200

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0732		
.301		.0957		
.500	.2349	.2127	.2621	.2248
.700		-.0545		

MACH (2) = 1.209 ALPHA (2) = -1.960 RN/L = 7.200

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1370		
.301		.1255		
.500	.2558	.2606	.3095	.2567
.700		-.0312		

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IA68 C1 F1 M3(1) M4(1) LOWER WING SURFACE (RF4L09)

MACH (2) = 1.209 ALPHA (3) = -.030 RN/L = 7.200

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1892		
.301		.1757		
.500	.2730	.2917	.3244	.2594
.700		-.0273		

MACH (2) = 1.209 ALPHA (4) = 1.900 RN/L = 7.200

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.2560		
.301		.2539		
.500	.2984	.3100	.3066	
.700		-.0235		

MACH (2) = 1.209 ALPHA (5) = 3.880 RN/L = 7.200

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.3064		
.301		.3055		
.500	.3165	.3243	.3081	.2672
.700		-.0230		

MACH (3) = 1.503 ALPHA (1) = -3.690 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		-.1041		
.301		.2393		
.500	.2965	.2548	.2517	.1695
.700		.1176		

IA68 C1 F1 M3(1) M4(1) LOWER WING SURFACE (RF4L09)

MACH (2) = 1.503 ALPHA (2) = -1.620 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.0104		
.301		.2867		
.500	.3339	.3068	.2859	.2527
.700		.1545		

MACH (3) = 1.503 ALPHA (3) = .120 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0980		
.301		.2799		
.500	.3471	.3303	.2916	.2910
.700		.1569		

MACH (3) = 1.503 ALPHA (4) = 2.120 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2556		
.301		.2895		
.500	.3666	.3521	.3189	.3629
.700		.1661		

MACH (3) = 1.503 ALPHA (5) = 4.080 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.3818		
.301		.2814		
.500	.3771	.3751	.3617	.4755
.700		.1613		

IA68 C1 F1 M3(1) M4(1) LOWER WING SURFACE (RF4L10) (18 AUG 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

ALPHA = .000

MACH (1) = .897 BETA (1) = -3.920 RNVL = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.1455		
.301		.1923		
.500	.2643	.1469	.0209	-.0936
.700		-.3690		

MACH (1) = .897 BETA (2) = -1.970 RNVL = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4998	.6360	.7770
X/C				
.102		.1138		
.301		.1554		
.500	.2219	.1165	-.0017	-.1153
.700		-.3816		

MACH (1) = .897 BETA (3) = -.050 RNVL = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6360	.7770
X/C				
.102		.0628		
.301		.0890		
.500	.0912	.0403	-.0403	-.1408
.700		-.4371		

IA68 C1 F1 MS(1) M4(1) LOWER WING SURFACE (6F4.1,I)

MACH (1) = .897 BETA (4) = 1.630 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0421		
.301		.0404		
.500	.0304	-.0422	-.0858	-.1705
.700		-.4512		

MACH (1) = .897 BETA (5) = 3.840 RN/L = 6.500

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0530		
.301		.0548		
.500	.0603	-.0972	-.1311	-.2281
.700		-.4214		

MACH (2) = 1.210 BETA (1) = -3.930 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2586		
.301		.3684		
.500	.5065	.4418	.3832	.3027
.700		.0529		

MACH (2) = 1.210 BETA (2) = -2.070 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2049		
.301		.3039		
.500	.4406	.3947	.3503	.2827
.700		.0281		

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1A68 C1 F1 M3(1) M4(1) LOWER WING SURFACE (RF4L1U)

MACH (2) = 1.210 BETA (3) = -.130 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2010		
.301		.1605		
.500	.2802	.2973	.3245	.2609
.700		-.0216		

MACH (2) = 1.210 BETA (4) = 1.620 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2173		
.301		.2058		
.500	.2055	.1711	.2190	.2456
.700		-.1063		

MACH (2) = 1.210 BETA (5) = 3.780 RN/L = 7.400

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2116		
.301		.1908		
.500	.1736	.1101	.0923	.1347
.700		-.1653		

IA68 C1 F1 M1(1) LOWER WING SURFACE (RF4L11) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1320.3000 IN. YMRP = .0000
BREF = 1320.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = 1.503 ALPHA (1) = -3.700 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.4181		
.301		.3361		
.500	.3626	.3675	.4120	.0000
.700		.1509		

MACH (1) = 1.503 ALPHA (2) = -1.790 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.3515		
.301		.3019		
.500	.3717	.3531	.3672	.0000
.700		.1389		

MACH (1) = 1.503 ALPHA (3) = .120 RN/L = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.2369		
.301		.2754		
.500	.3625	.3413	.3511	.0000
.700		.1356		

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IA68 C1 F1 M1(1) LOWER WING SURFACE (RF4L11)

MACH (1) = 1.503 ALPHA (4) = 2.010 RNVL = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0239		
.301		.2541		
.500	.3163	.3017	.2984	.0000
.700		.1181		

MACH (1) = 1.503 ALPHA (5) = 4.040 RNVL = 9.600

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		-.1275		
.301		.2677		
.500	.2715	.2476	.2469	.0000
.700		.1041		

MACH (2) = 1.991 ALPHA (1) = -3.860 RNVL = 13.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.0800		
.301		-.0406		
.500	.2152	.1826	.1239	.0000
.700		.1213		

MACH (2) = 1.991 ALPHA (2) = -1.940 RNVL = 13.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1141		
.301		-.0191		
.500	.2482	.2354	.1977	.0000
.700		.1559		

1A68 C1 F1 M1(1) LOWER WING SURFACE (RF4L11)

MACH (2) = 1.991 ALPHA (3) = .000 RN/L = 13.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1418		
.301		.0275		
.500	.3005	.3040	.3055	.0000
.700		.1916		

MACH (2) = 1.991 ALPHA (4) = 1.980 RN/L = 13.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1386		
.301		.1562		
.500	.3404	.3448	.3398	.0000
.700		.2149		

MACH (2) = 1.991 ALPHA (5) = 3.910 RN/L = 13.800

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1825		
.301		.3582		
.500	.3563	.3591	.3599	.0000
.700		.2271		

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1A68 C1 F1 M2(1) LOWER WING SURFACE (RF4L12) (18 APR 74)

REFERENCE DATA

SREF = 2690.0000 SQ.FT. XMRP = .0000
LREF = 1328.3000 IN. YMRP = .0000
BREF = 1328.3000 IN. ZMRP = .0000
SCALE = .0040

PARAMETRIC DATA

BETA = .000

MACH (1) = 1.223 ALPHA (1) = .000 RN/L = 7.300

SECTION (1)LOWER WING DEPENDENT VARIABLE CP

2Y/B	.3610	.4996	.6380	.7770
X/C				
.102		.1705		
.301		.0778		
.500	.2899	.3092	.3347	.2472
.700		-.0136		